		DEPARTMENT	ATE OF UTAH OF NATURAL RES F OIL, GAS AND N				FORI			
APPLI	CATION FOR	PERMIT TO DRILL				1. WELL NAME and Prickly Pea	<b>NUMBER</b> ar Unit Federal 9-22D	-12-15		
2. TYPE OF WORK  DRILL NEW WELL	REENTER P8	kA WELL DEEPE	N WELL			3. FIELD OR WILDCAT NINE MILE CANYON				
4. TYPE OF WELL Gas We	ell Coalb	ed Methane Well: NO				5. UNIT or COMMU	NITIZATION AGREI PRICKLY PEAR	MENT NAME		
6. NAME OF OPERATOR	BILL BARR	ETT CORP				7. OPERATOR PHO	NE 303 312-8164			
8. ADDRESS OF OPERATOR 1099 18	th Street Ste 23		9. OPERATOR E-MA	IL :er@billbarrettcorp.co	om					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE			_	12. SURFACE OWN	ERSHIP DIAN ( STATE (			
UTU-11604	UTU-11604 FEDERAL INDIAN STATE FEE							FEE ()		
13. NAME OF SURFACE OWNER (if box 12	•					14. SURFACE OWN	·	•		
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURFACE OWN	ER E-MAIL (if box 1	.2 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM MULTIPLE FORMATI		ION FR	ОМ	19. SLANT				
(III BOX 12 - INDIAN )		YES (Submit Co	ommingling Applicat	ion) N	0 📵	VERTICAL DIF	RECTIONAL 📵 HO	ORIZONTAL 🔵		
20. LOCATION OF WELL	FO	OTAGES	QTR-QTR	SEC	CTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE	2152 F	SL 2196 FEL	NWSE		22	12.0 S	15.0 E	S		
Top of Uppermost Producing Zone	2098 F	SL 1622 FEL	NWSE		22	12.0 S	15.0 E	S		
At Total Depth	2007 F	SL 669 FEL	NESE		22	12.0 S	15.0 E	S		
21. COUNTY		22. DISTANCE TO NI	EAREST LEASE LIN	IE (Feet	:)	23. NUMBER OF ACRES IN DRILLING UNIT				
CARBON	2007			26. PROPOSED DEPTH  MD: 8200 TVD: 7845						
CARBON		25. DISTANCE TO NI (Applied For Drilling	EAREST WELL IN S or Completed)	SAME PO	OOL		тн			
CARBON  27. ELEVATION - GROUND LEVEL			EAREST WELL IN S	SAME PO	DOL	MD  29. SOURCE OF DR	TH: 8200 TVD: 7845			
		(Applied For Drilling	EAREST WELL IN S or Completed)	SAME PO	OOL	MD	TH: 8200 TVD: 7845			
27. ELEVATION - GROUND LEVEL		(Applied For Drilling	EAREST WELL IN S g or Completed) 1500	SAME PO	DOL	MD  29. SOURCE OF DR	TH: 8200 TVD: 7845 ILLING WATER / PROVAL NUMBER I			
27. ELEVATION - GROUND LEVEL	ARE ATTACH	(Applied For Drilling 28. BOND NUMBER AT	EAREST WELL IN S J or Completed) 1500 WYB000040			29. SOURCE OF DR. WATER RIGHTS AP	TH : 8200 TVD: 7845 ILLING WATER / PROVAL NUMBER I Nine Mile Creek	F APPLICABLE		
27. ELEVATION - GROUND LEVEL 7312		(Applied For Drilling 28. BOND NUMBER  AT	WYB000040  TTACHMENTS  CE WITH THE U	тан оі		29. SOURCE OF DR. WATER RIGHTS AP	TH : 8200 TVD: 7845 ILLING WATER / PROVAL NUMBER I Nine Mile Creek	F APPLICABLE		
27. ELEVATION - GROUND LEVEL 7312  VERIFY THE FOLLOWING	LICENSED SUR	(Applied For Drilling  28. BOND NUMBER  AT  ED IN ACCORDANCE  EVEYOR OR ENGINEER	WYB000040  TTACHMENTS  CE WITH THE U	TAH OI	IL AND C	29. SOURCE OF DR. WATER RIGHTS AP	TH : 8200 TVD: 7845  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE		
27. ELEVATION - GROUND LEVEL 7312  VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY	LICENSED SUR	(Applied For Drilling  28. BOND NUMBER  AT  ED IN ACCORDANCE  EVEYOR OR ENGINEER  EMENT (IF FEE SURFA	WYB000040  TTACHMENTS  CE WITH THE UT  R  ACE)  FORM	TAH OI	IL AND C	29. SOURCE OF DR. WATER RIGHTS AP	TH : 8200 TVD: 7845  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE		
27. ELEVATION - GROUND LEVEL 7312  VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY  AFFIDAVIT OF STATUS OF SURFACE  DIRECTIONAL SURVEY PLAN (IF DI	LICENSED SUR E OWNER AGRE	(Applied For Drilling  28. BOND NUMBER  AT  ED IN ACCORDANCE  EVEYOR OR ENGINEER  EMENT (IF FEE SURFA	EAREST WELL IN S OF Completed) 1500  WYB000040  FTACHMENTS  CE WITH THE UT  R  COM  ACE)  FORM	TAH OI	IL AND G	29. SOURCE OF DR. WATER RIGHTS AP	TH : 8200 TVD: 7845  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE		
27. ELEVATION - GROUND LEVEL 7312  VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY  AFFIDAVIT OF STATUS OF SURFACE  DIRECTIONAL SURVEY PLAN (IF DIDRILLED)	LICENSED SUR E OWNER AGRE RECTIONALLY	(Applied For Drilling 28. BOND NUMBER  AT  ED IN ACCORDANC  EVEYOR OR ENGINEER  EMENT (IF FEE SURF)  OR HORIZONTALLY	EAREST WELL IN S OF Completed) 1500  WYB000040  FTACHMENTS  CE WITH THE UT  R  COM  ACE)  FORM	TAH OI	IL AND O	29. SOURCE OF DR. WATER RIGHTS AP	TH: 8200 TVD: 7845  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE		
27. ELEVATION - GROUND LEVEL 7312  VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY  AFFIDAVIT OF STATUS OF SURFACE  DIRECTIONAL SURVEY PLAN (IF DIDRILLED)  NAME Elaine Winick	LICENSED SUR	(Applied For Drilling 28. BOND NUMBER  AT  SEED IN ACCORDANCE EMENT (IF FEE SURFA  OR HORIZONTALLY  TITLE Sr. Permit Analys	EAREST WELL IN S OF Completed) 1500  WYB000040  FTACHMENTS  CE WITH THE UT  R  COM  ACE)  FORM	TAH OI	IL AND O	29. SOURCE OF DRIWATER RIGHTS AP  GAS CONSERVATI  F PLAN  R IS OTHER THAN TO  303 293-9100	TH: 8200 TVD: 7845  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE		

	Proposed Hole, Casing, and Cement									
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)						
Cond	26	16	0	40						
Pipe	Grade	Length	Weight							
	Unknown	40	65.0							

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Surf	12.25	9.625	0	1000							
Pipe	Grade	Length	Weight								
	Grade J-55 ST&C	1000	36.0								

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Prod	7.875	4.5	0	8200		Г					
Pipe	Grade	Length	Weight								
	Grade N-80 LT&C	8200	11.6			Г					
					Τ	Г					

### PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).
  - 2. One (1) pipe ram (below).
  - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
  - 4. 3-inch diameter choke line.
  - 5. Two (2) choke line valves (3-inch minimum).
  - 6. Kill line (2-inch minimum).
  - 7. Two (2) chokes.
  - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
  - 9. Upper kelly cock valve with handles available.
  - 10. Safety valve(s) & subs to fit all drill string connections in use.
  - 11. Pressure gauge on choke manifold.
  - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

### C. Testing Procedure:

### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

### D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

### E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

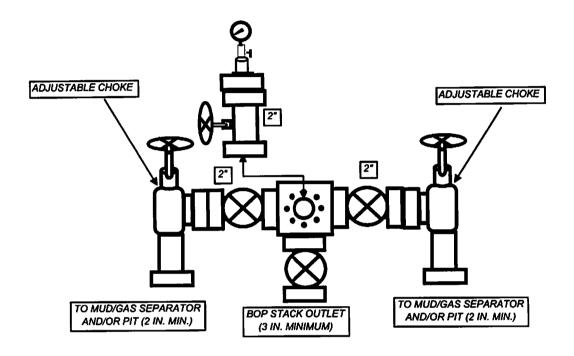
### F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

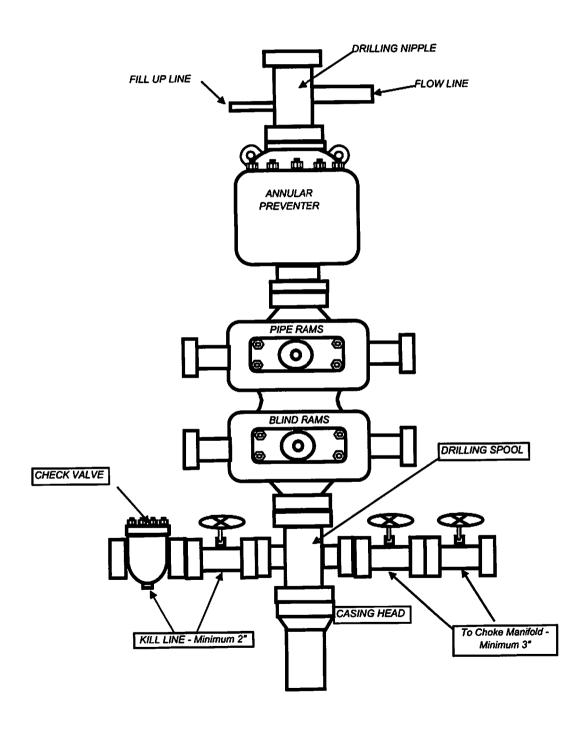
# **BILL BARRETT CORPORATION**

# TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



# **BILL BARRETT CORPORATION**

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER





July 22, 2010

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Prickly Pear Unit Federal #9-22D-12-15

SHL: 2152' FSL & 2196' FEL NWSE 22-T12S-R15E BHL: 2007' FSL & 669' FEL NESE 22-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area and a Participating Area;
- This well is a directional well and is greater than 460 feet from the Peter's Point Unit boundary.
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8513.

Sincerely,

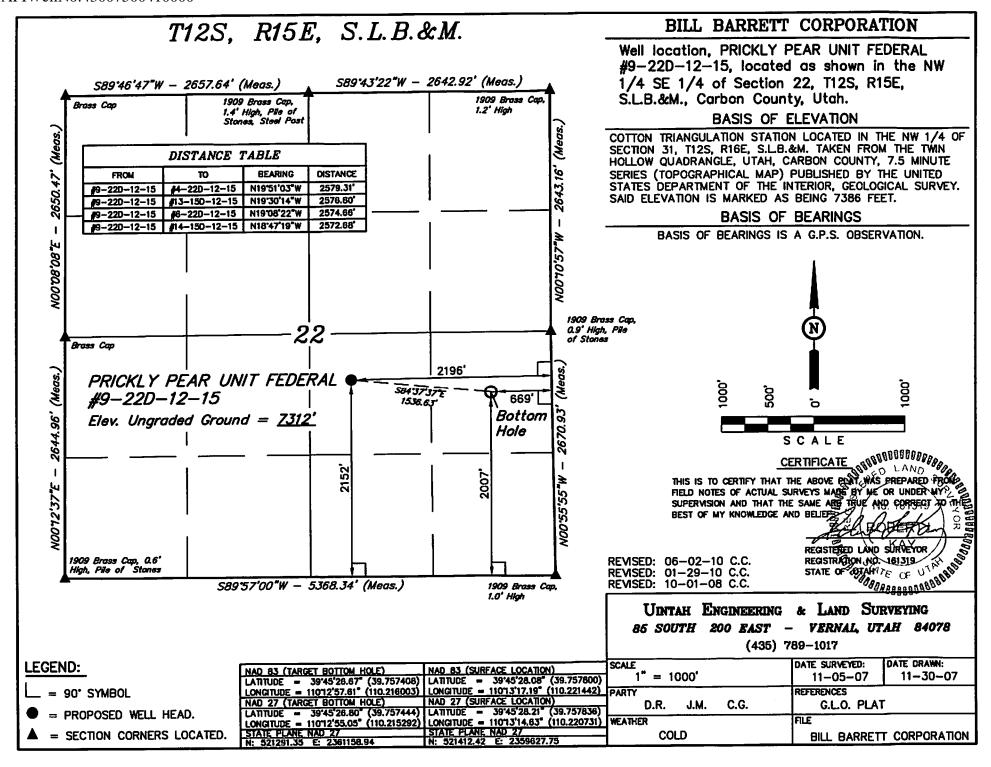
Vicki Wambolt

Landman

1099 18TH STREET SUITE 2300 DENVER, CO 80202

0 303.293.9100

303.291.0420





# **BILL BARRETT CORP**

CARBON COUNTY, UT (NAD 27)
PRICKLY PEAR UF 3-22 PAD
PRICKLY PEAR UF 9-22D-12-15

PRICKLY PEAR UF 9-22D-12-15

Plan: Design #1

# **Standard Planning Report**

21 July, 2010





Planning Report



Database: Company: Project: Site: Well:

Wellbore:

Design:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR UF 3-22 PAD PRICKLY PEAR UF 9-22D-12-15 PRICKLY PEAR UF 9-22D-12-15

Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well PRICKLY PEAR UF 9-22D-12-15 WELL @ 7328.20ft (Original Well Elev) WELL @ 7328.20ft (Original Well Elev)

True

Minimum Curvature

Project CARBON COUNTY, UT (NAD 27)

Map System: Geo Datum: US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Map Zone: Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site PRICKLY PEAR UF 3-22 PAD

Site Position:

Position Uncertainty:

Lat/Long 0.00 ft Northing: Easting: Slot Radius: 521,357.64 ft 2,359,618.53 ft Latitude: Longitude: 39° 45' 27.670 N 110° 13' 14.760 W

Grid Convergence: 0.82 °

Well PRICKLY PEAR UF 9-22D-12-15

Well Position +N/-S +E/-W

S 54.58 ft W 10.03 ft 0.00 ft

B ft Northing:
B ft Easting:
Oft Wellhead Elevation:

521,412.35 ft 2,359,627.78 ft ft Latitude: Longitude: Ground Level: 39° 45' 28.209 N 110° 13' 14.632 W 7.311.20 ft

Position Uncertainty

PRICKLY PEAR UF 9-22D-12-15

 Wellbore
 PRICKLY PEAR UF 9-22D-12-15

 Magnetics
 Model Name
 Sample Date (°)
 Declination (°)
 Dip Angle (°)
 Field Strength (nT)

 BGGM2010
 7/20/2010
 11.48
 65.57
 52,145

Design #1 Design **Audit Notes:** 0.00 Tie On Depth: PLAN Phase: Version: +E/-W Direction +N/-S Depth From (TVD) Vertical Section: (ft) (°) (ft) (ft) 95.33 0.00 0.00 0.00

Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1.060.00		0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
2.258.39		95.33	2.204.52	-28.46	304.92	2.50	2.50	0.00	95.33	
4.107.42		95.33	3,806.48	-114.27	1,224.31	0.00	0.00	0.00	0.00	
5.305.81	The fact of the fa	0.00	4,951.00	-142.73	1,529.23	2.50	-2.50	0.00	180.00	
7,990.81		0.00	7,636.00	-142.73	1,529.23	0.00	0.00	0.00	0.00	PBHL PRICKLY P



Planning Report



Database: Company: Project: Site: Well:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR UF 3-22 PAD PRICKLY PEAR UF 9-22D-12-15

PRICKLY PEAR UF 9-22D-12-15

Wellbore: Design #1 Design:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Local Co-ordinate Reference: Well PRICKLY PEAR UF 9-22D-12-15 WELL @ 7328.20ft (Original Well Elev) WELL @ 7328.20ft (Original Well Elev)

True

Minimum Curvature

esign:	Design #1			The state of the s					
lanned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00		0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00		0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
		0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00									0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00		0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00	0.00	0.00	0.00
700.00		0.00	700.00	0.00					
800.00		0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"		Service and							
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Bui	ld 2.50								
1,060.00		0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00		95.33	1,100.00	-0.03	0.35	0.35	2.50	2.50	0.00
				-0.40	4.26	4.27	2.50	2.50	0.00
1,200.00		95.33	1,199.91						
1,300.00	6.00	95.33	1,299.56	-1.17	12.50	12.55	2.50	2.50	0.00
1,400.00	8.50	95.33	1,398.75	-2.34	25.06	25.17	2.50	2.50	0.00
		95.33	1,497.30	-3.91	41.93	42.11	2.50	2.50	0.00
1,500.00									
1,600.00		95.33	1,595.02	-5.88	63.05	63.32	2.50	2.50	0.00
1,700.00		95.33	1,691.71	-8.25	88.40	88.78	2.50	2.50	0.00
1,800.00	18.50	95.33	1,787.21	-11.01	117.92	118.43	2.50	2.50	0.00
		05.00	4 004 00	44.45	454 50	152.22	2.50	2.50	0.00
1,900.00		95.33	1,881.32	-14.15	151.56				
2,000.00		95.33	1,973.87	-17.66	189.26	190.08	2.50	2.50	0.00
2,100.00	26.00	95.33	2,064.67	-21.55	230.94	231.95	2.50	2.50	0.00
2,200.00	28.50	95.33	2,153.57	-25.81	276.53	277.73	2.50	2.50	0.00
Start 184	9.03 hold at 22	58.39 MD							
2,258.39		95.33	2,204.52	-28.46	304.92	306.24	2.50	2.50	0.00
2,200.00	23.30		2,204.02						
2,300.00	29.96	95.33	2,240.57	-30.39	325.61	327.02	0.00	0.00	0.00
2,400.00	29.96	95.33	2,327.21	-35.03	375.33	376.96	0.00	0.00	0.00
2,500.00		95.33	2,413.85	-39.67	425.05	426.90	0.00	0.00	0.00
2,600.00		95.33	2,500.48	-44.31	474.78	476.84	0.00	0.00	0.00
		95.33	2,587.12	-48.95	524.50	526.78	0.00	0.00	0.00
2,700.00	29.90	95.55	2,307.12	-40.55	324.30	320.70	0.00		
2,800.00	29.96	95.33	2,673.76	-53.59	574.22	576.72	0.00	0.00	0.00
2,900.00		95.33	2,760.40	-58.23	623.94	626.66	0.00	0.00	0.00
3.000.00		95.33	2,847.03	-62.88	673.67	676.60	0.00	0.00	0.00
3,100.00		95.33	2,933.67	-67.52	723.39	726.53	0.00	0.00	0.00
				-72.16	773.11	776.47	0.00	0.00	0.00
3,200.00	29.96	95.33	3,020.31	-12.10	1/3.11	110.41	0.00		0.00
3,300.00	29.96	95.33	3,106.95	-76.80	822.84	826.41	0.00	0.00	0.00
3,400.00		95.33	3,193.59	-81.44	872.56	876.35	0.00	0.00	0.00
				-86.08	922.28	926.29	0.00	0.00	0.00
3,500.00			3,280.22						
3,600.00			3,366.86	-90.72	972.01	976.23	0.00	0.00	0.00
3,700.00	29.96	95.33	3,453.50	-95.36	1,021.73	1,026.17	0.00	0.00	0.00
2 000 00	29.96	95.33	3,540.14	-100.00	1,071.45	1,076.11	0.00	0.00	0.00
3,800.00									0.00
3,900.00			3,626.77	-104.64	1,121.17	1,126.05	0.00	0.00	
4,000.00		95.33	3,713.41	-109.28	1,170.90	1,175.99	0.00	0.00	0.00
Start Dro	p -2.50								
4,107,42		95.33	3,806.48	-114.27	1,224.31	1,229.63	0.00	0.00	0.00
4,200.00			3,887.60	-118.41	1,268.72	1,274.23	2.50	-2.50	0.00
4,200.00			- Transmission						
4,300.00	25.15	95.33	3,977.17	-122.54	1,312.98	1,318.68	2.50	-2.50	0.00
4,400.00			4,068.59	-126.31	1,353.31	1,359.19	2.50	-2.50	0.00
4,500.00			4,161.69	-129.70	1,389.63	1,395.67	2.50	-2.50	0.00
								-2.50	0.00
4,600.00			4,256.29	-132.71	1,421.87	1,428.05	2.50		
4,700.00	15.15	95.33	4,352.22	-135.33	1,449.97	1,456.27	2.50	-2.50	0.00



Planning Report



Database: Company: Project: Site: Well:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR UF 3-22 PAD PRICKLY PEAR UF 9-22D-12-15

PRICKLY PEAR UF 9-22D-12-15

Wellbore:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Local Co-ordinate Reference: Well PRICKLY PEAR UF 9-22D-12-15 WELL @ 7328.20ft (Original Well Elev) WELL @ 7328.20ft (Original Well Elev)

True

Minimum Curvature

ign:	Design #1			200000					
nned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4 000 00	12.65	95.33	4,449.29	-137.56	1,473.88	1,480.28	2.50	-2.50	0.00
4,800.00		95.33	4,547.31	-139.40	1,493.55	1,500.04	2.50	-2.50	0.00
4,900.00	10.15			-140.83	1,508.94	1,515.50	2.50	-2.50	0.00
5,000.00	7.65	95.33	4,646.10		1,520.03	1,526.64	2.50	-2.50	0.00
5,100.00	5.15	95.33	4,745.47	-141.87				-2.50	0.00
5,200.00	2.65	95.33	4,845.23	-142.50	1,526.80	1,533.43	2.50	-2.50	0.00
	.00 hold at 530				200 50	7			
5,305.81	0.00	0.00	4,951.00	-142.73	1,529.23	1,535.87	2.50	-2.50	0.00
5,400.00	0.00	0.00	5,045.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
5,500.00	0.00	0.00	5,145.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
5,600.00	0.00	0.00	5,245.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
5,700.00	0.00	0.00	5,345.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
5,800.00	0.00	0.00	5,445.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
5,900.00	0.00	0.00	5,545.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,000.00	0.00	0.00	5,645.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,100.00	0.00	0.00	5,745.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,200.00	0.00	0.00	5,845.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,300.00	0.00	0.00	5,945.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,400.00	0.00	0.00	6,045.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,500.00	0.00	0.00	6,145.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,600.00	0.00	0.00	6,245.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,700.00	0.00	0.00	6,345.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
6,800.00	0.00	0.00	6.445.19	-142.73	1.529.23	1,535.87	0.00	0.00	0.00
6,900.00	0.00	0.00	6.545.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
	0.00	0.00	6.645.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,000.00			6,745.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,100.00	0.00	0.00					0.00	0.00	0.00
7,200.00	0.00	0.00	6,845.19	-142.73	1,529.23	1,535.87			
7,300.00	0.00	0.00	6,945.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,400.00	0.00	0.00	7,045.19	-142.73	1,529.23	1,535.87	0.00		
7,500.00	0.00	0.00	7,145.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,600.00	0.00	0.00	7,245.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,700.00	0.00	0.00	7,345.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,800.00	0.00	0.00	7,445.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
7,900.00	0.00	0.00	7,545.19	-142.73	1,529.23	1,535.87	0.00	0.00	0.00
	0.81 - PBHL PI			5					
7,990.81	0.00	0.00	7,636.00	-142.73	1,529.23	1,535.87	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir.	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL PRICKLY PEAI		0.00	7,636.00	-142.73	1,529.23	521,291.52	2,361,158.73	39° 45' 26.798 N	110° 12' 55.051 W

Cinala	/	IOO OOL
- Circle	radius	100.00)

Casing Points						
	Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")
	1,000.00	1,000.00	9 5/8"		9-5/8	12-1/4



Planning Report



Database: Company: Project: Site: Well:

Wellbore:

Design:

EDM 2003.21 Single User Db BILL BARRETT CORP CARBON COUNTY, UT (NAD 27)

PRICKLY PEAR UF 3-22 PAD PRICKLY PEAR UF 9-22D-12-15 PRICKLY PEAR UF 9-22D-12-15

Design #1

**TVD Reference:** MD Reference: North Reference:

Survey Calculation Method:

Local Co-ordinate Reference: Well PRICKLY PEAR UF 9-22D-12-15 WELL @ 7328.20ft (Original Well Elev) WELL @ 7328.20ft (Original Well Elev)

True

Minimum Curvature

lan Annotations					
Measured	Vertical	Local Coor	dinates		
Depth	Depth	+N/-S	+E/-W		
(ft)	(ft)	(ft)	(ft)	Comment	
1.060.0	1,060.00	0.00	0.00	Start Build 2.50	
2,258.3		-28.46	304.92	Start 1849.03 hold at 2258.39 MD	
4,107.4		-114.27	1,224.31	Start Drop -2.50	
5.305.8		-142.73	1,529.23	Start 2685.00 hold at 5305.81 MD	
7,990.8		-142.73	1,529.23	TD at 7990.81	



Project: CARBON COUNTY, UT (NAD 27) Site: PRICKLY PEAR UF 3-22 PAD Well: PRICKLY PEAR UF 9-22D-12-15 Wellbore: PRICKLY PEAR UF 9-22D-12-15 Design: Design #1 Lat: 39° 45' 28.209 N

KB: WELL @ 7328.20ft (Original Well Elev)

Weatherford<sup>\*</sup>

GR: 7311.20

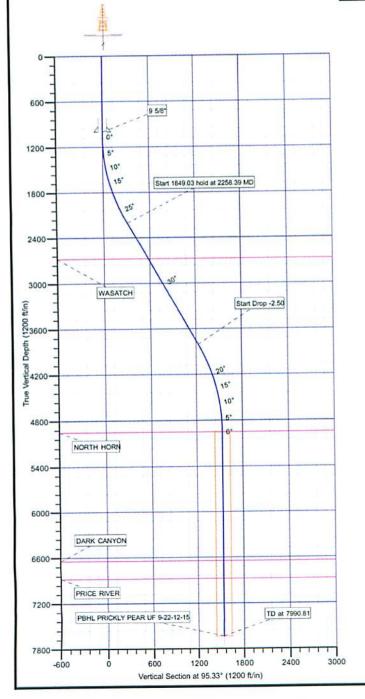
Long: 110° 13' 14.632 W

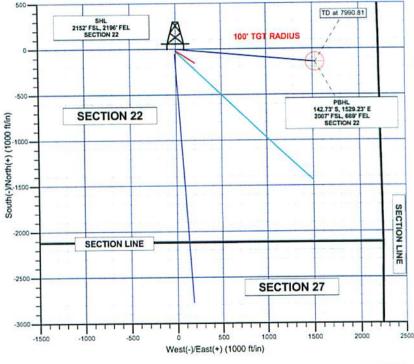
WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG) Shape Circle (Radius: 100.00) Latitude Longitude Easting +E/-W Northing TVD +N/-S 110° 12' 55.051 W 521291.52 2361158.73 39° 45' 26.798 N -142.73 1529.23 7636.00 PBHL PRICKLY PEAR UF 9-22-12-15



SECTION DETAILS Annotation +N/-S +E/-W **DLeg TFace** TVD MD Inc Azi 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 Start Build 2.50 0.00 0.001060.00 0.00 0.00 2.50 95.33 306.24 Start 1849.03 hold at 2258.39 MD 304.92 -28.46 2258 39 29.96 95 33 2204 52 95.33 3806.48 -114.27 1224.31 0.00 0.00 1229.63 Start Drop -2.50 Start 2685.00 hold at 5305.81 MD 4107.42 29.96 2.50 180.00 1535.87 5305.81 0.00 4951.00 -142.73 1529.23 0.00 0.00 1535.87 TD at 7990.81 0.007636.00 -142.73 1529.23 7990.81 0.00

WELL DETAILS: PRICKLY PEAR UF 9-22D-12-15 Ground Level: 7311.20 Latittude Longitude Slot +N/-S +E/-W Northing Easting 2359627.789° 45' 28.209 NO° 13' 14.632 W 521412.35 0.00 0.00







FORMATION TOP DETAILS TVDPath MDPath 2676.00 2802.59 4951 00 5305.81 NORTH HORN 6646.00 7000.81 DARK CANYON 6876.00 7230.81 PRICE RIVER

LEGEND

PRICKLY PEAR UF 16-22-12-15, PRICKLY PEAR UF 16-22-12-15, Design #1 V0 PRICKLY PEAR UF 10-22-12-15, PRICKLY PEAR UF 10-22-12-15, Design #1 V0 PRICKLY PEAR UF 2-27-12-15, PRICKLY PEAR UF 2-27-12-15, Design #1 V0 - Design #1

Plan: Design #1 (PRICKLY PEAR UF 9-22D-12-15/PRICKLY PEAR UF 9-22D-12-15)

Date: 18:54, July 21 2010 Created By: TRACY WILLIAMS

### **DRILLING PROGRAM**

# BILL BARRETT CORPORATION Prickly Pear Unit Federal 9-22D-12-15

NWSE 2152' FSL & 2196' FEL Sec 22-12S-15E (surface) NESE 2007' FSL & 669' FEL Sec 22-12S-15E (BHL) Carbon County, Utah

# 1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	Depth - MD	Depth - TVD
Green River	Surface	Surface
Wasatch	2803'*	2676'*
North Horn	5305'*	4951'*
Dark Canyon	7001'*	6646'*
Price River	7231'*	6876'*
TD	8200'*	7845'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

### 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment			
0 – 1000'	No pressure control required			
1000' – TD	11" 3000# Ram Type BOP			
	11" 3000# Annular BOP			
- Drilling spool to	ol to accommodate choke and kill lines;			
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;				
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.				
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.				

Bill Barrett Corporation
Drilling Program
Prickly Pear Unit Federal 9-22D-12-15
Carbon County, Utah

### 4. Casing Program

Hole Size	Setting Depth		Casing Casing	Casing	Thread	<b>Condition</b>	
	From	To	Size	Weight	Grade		
26"	Surface	40'	16"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	8200'	5 1/2"	17.0#	1-100	LT&C	New
7 7/8"			4 1/2"	11.6#	N -80	LT&C	New

Note: BBC will use one of the options of production casing size noted above. Casing grade for each option could be I-100, P-110 or I-80. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

### 5. Cementing Program

16" Conductor Casing	Grout cement		
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft <sup>3</sup> /sx).		
	Tail with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess.		
5 ½" Production Casing  OR	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives mixed at 12.5 ppg (yield = 1.96 ft <sup>3</sup> /sx).		
4 ½" Production Casing	Tail with approximately 1390 sx (4 ½" csg) or 1150 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft <sup>3</sup> /sk), circulated to ~800' with 15% excess.		
Note: Actual volumes to be calculated from caliper log.			

### 6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0 – 40'	8.3 – 8.6	27 – 40	••	Native Spud Mud
40' - 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 - 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

### 7. Testing, Logging and Core Programs

Cores	None anticipated;			
Testing	sting None anticipated;			
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;			
Surveys	reys Run every 1000' and on trips, slope only;			
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.			

Bill Barrett Corporation
Drilling Program
Prickly Pear Unit Federal 9-22D-12-15
Carbon County, Utah

### 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3875 psi\* and maximum anticipated surface pressure equals approximately 2150 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

- \*Max Mud Wt x  $0.052 \times TD = A$  (bottom hole pressure)
- \*\*Maximum surface pressure =  $A (0.22 \times TD)$

### 9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

### 10. Drilling Schedule

**Location Construction:** 

September 1, 2010

Spud:

September 15, 2010

Duration:

10 days drilling time

30 days completion time

'APIWellNo:43007500410000'

### Other -Onshore Variances Requested

### Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

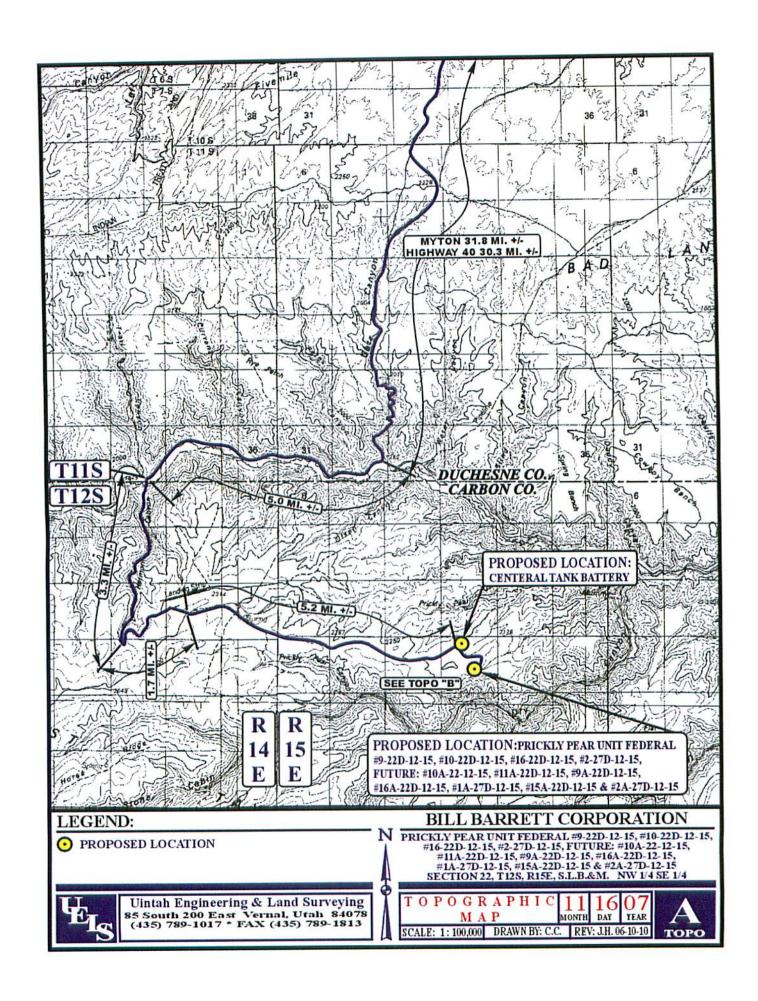
Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR

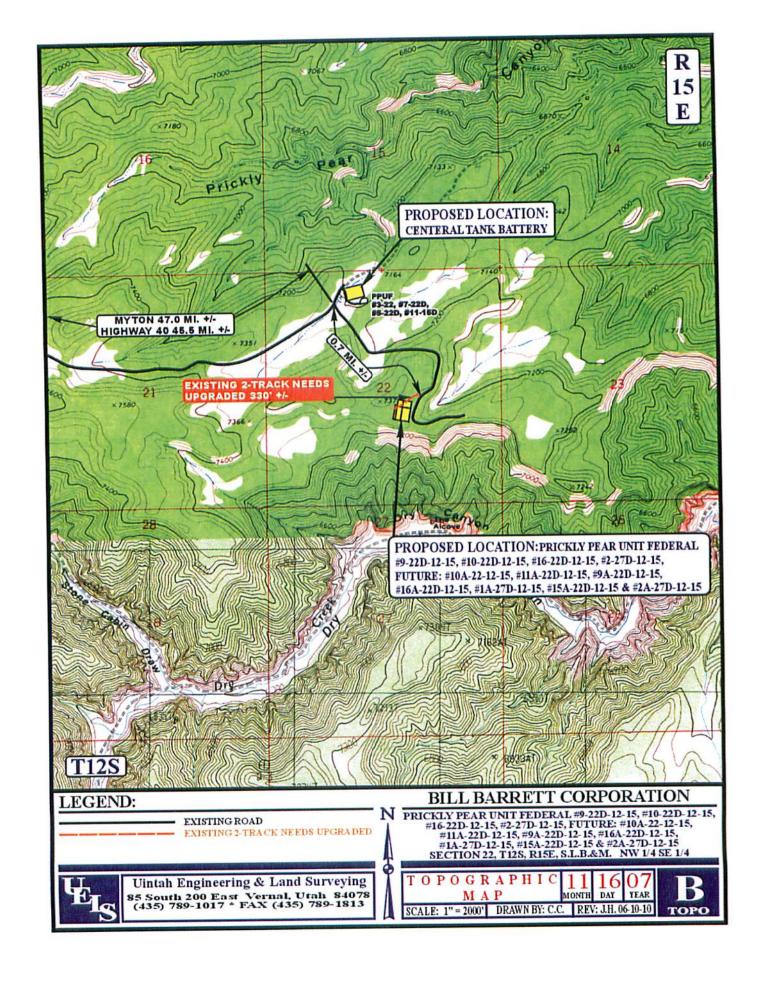
24" minimum up to 3 1/2' long x 3" (ID 3.068)

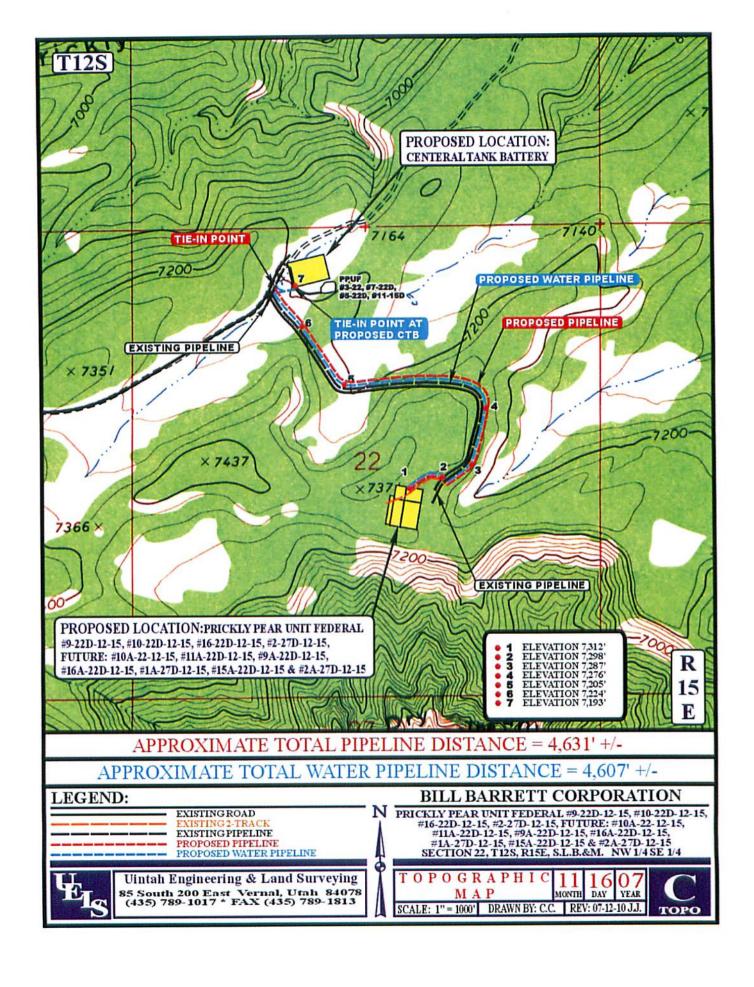
### Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation will comply with the following surface air drilling operation requirements:

- Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.







### L BARRETT CORPORATION

#2-27D-12-15, FUTURE: #10A-22-12-15, #11A-22D-12-15, #9A-22D-12-15, #16A-22D-12-15, #1A-27D-12-15, #15A-22D-12-15 & #2A-27D-12-15 LOCATED IN CARBON COUNTY, UTAH SECTION 22, T12S, R15E, S.L.B.&M.

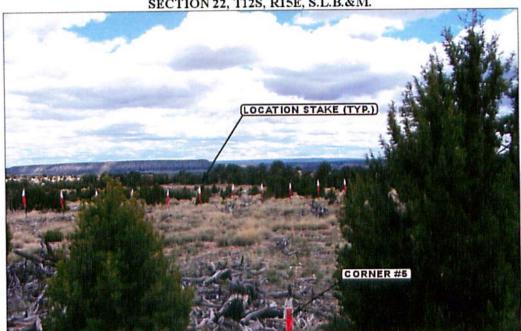


PHOTO: VIEW FROM CORNER 5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

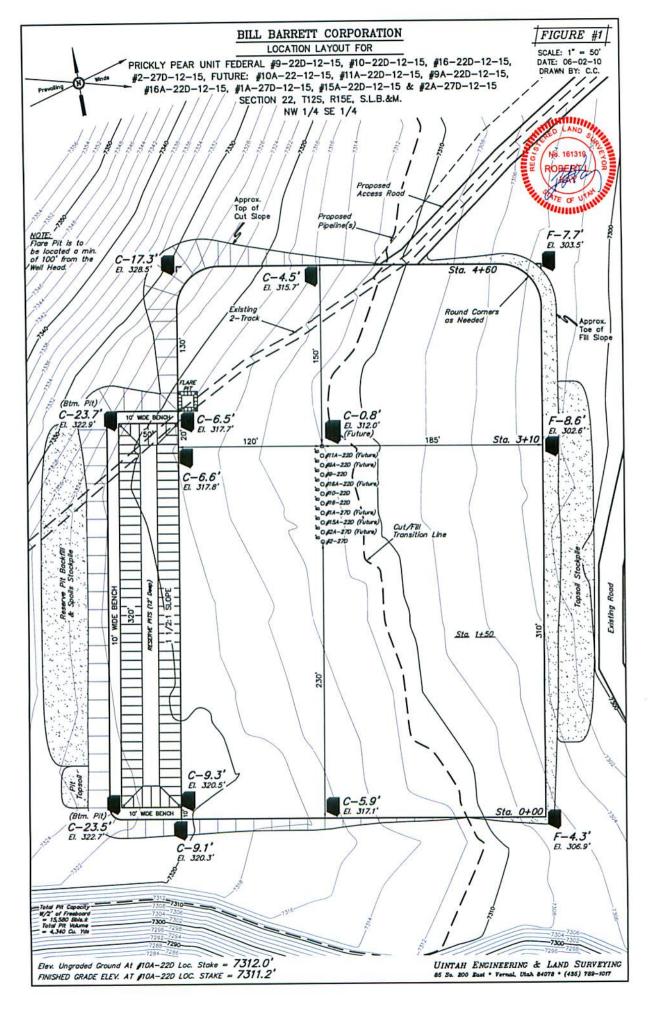


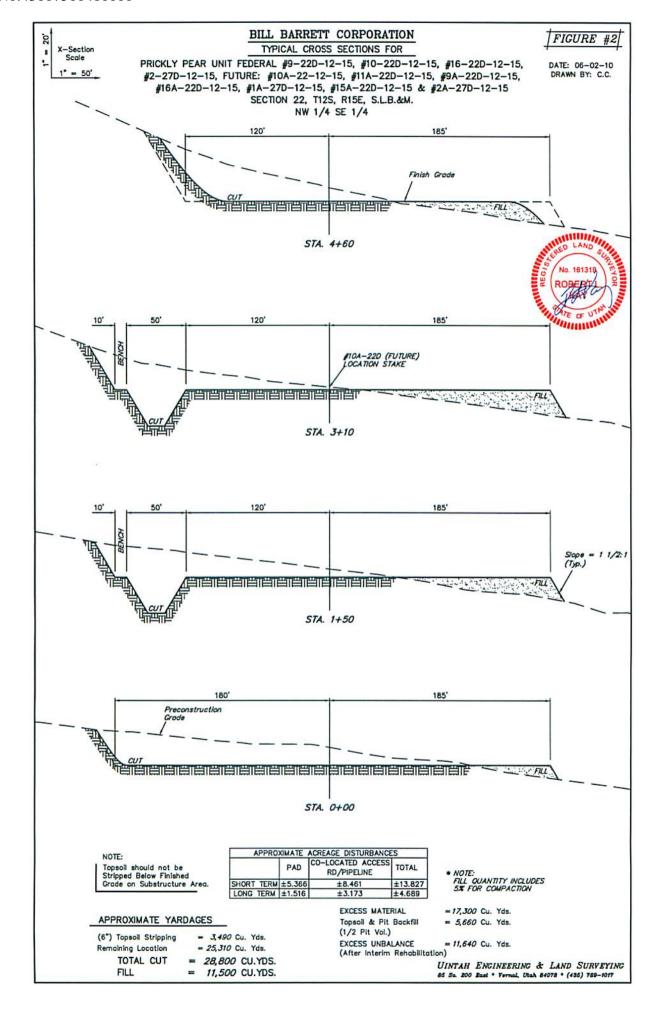
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 \* FAX (435) 789-1813

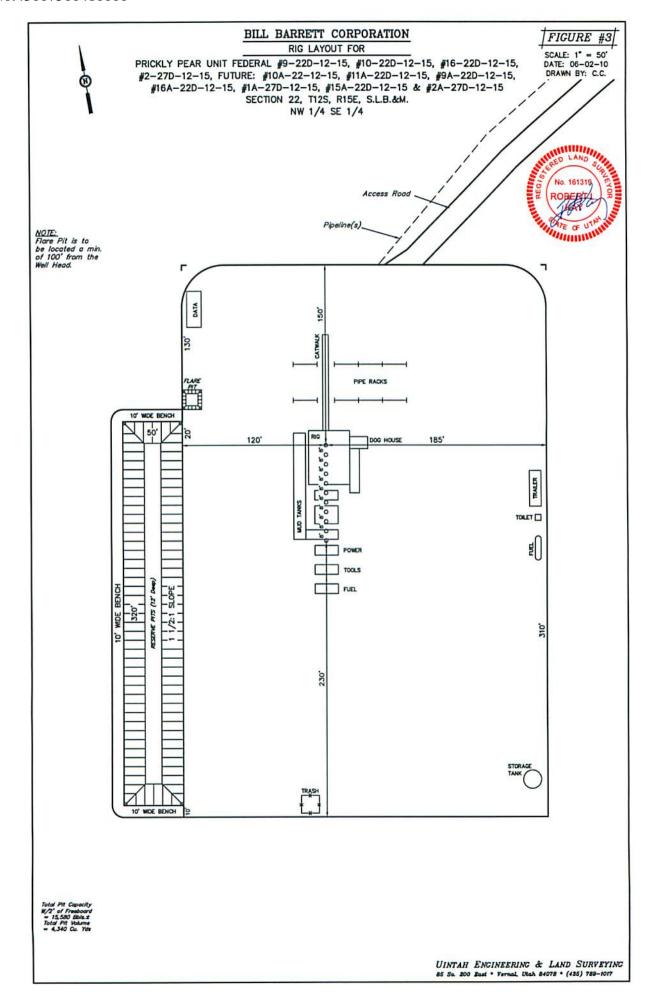
LOCATION PHOTOS

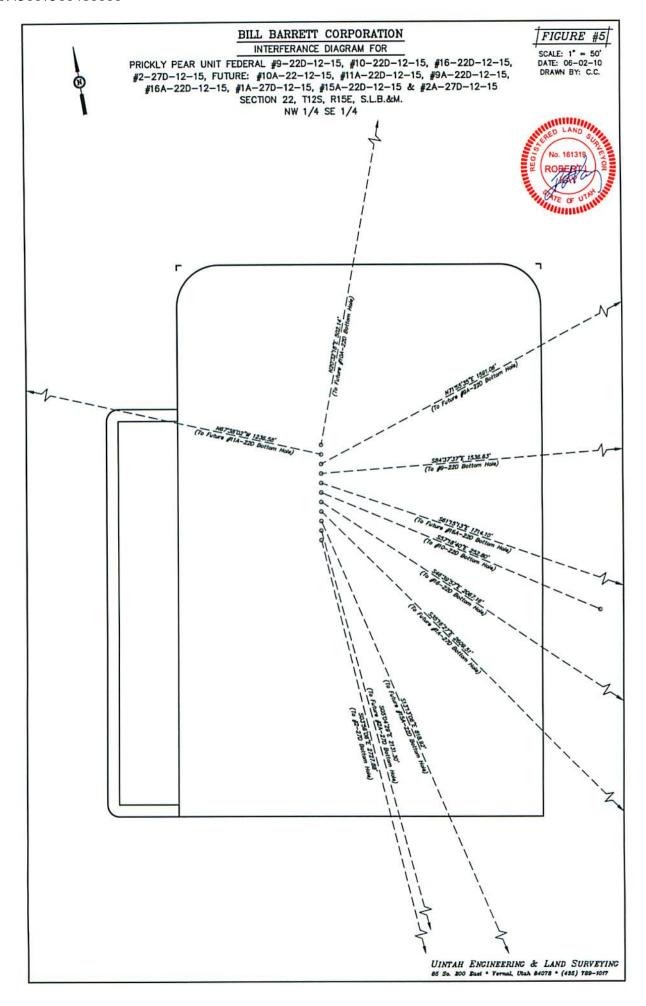
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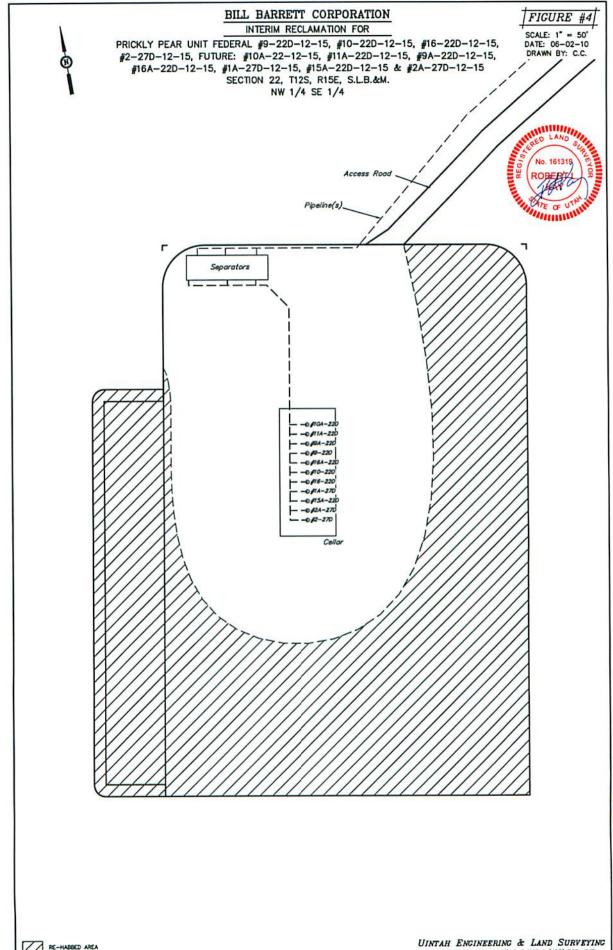
TAKEN BY: J.M. DRAWN BY: C.C. REV: J.H. 06-10-10

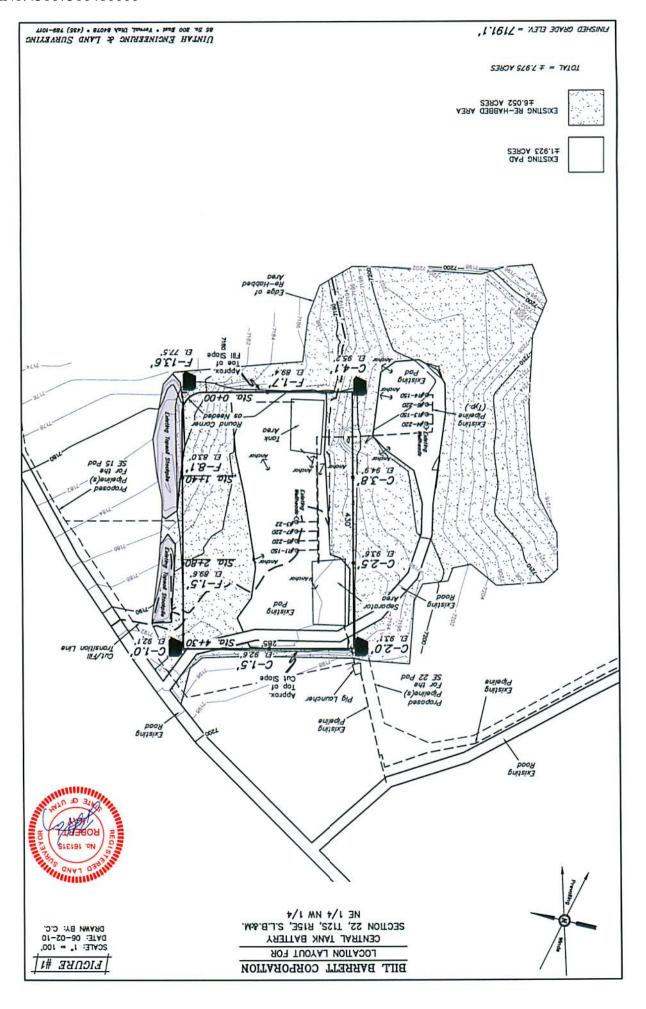


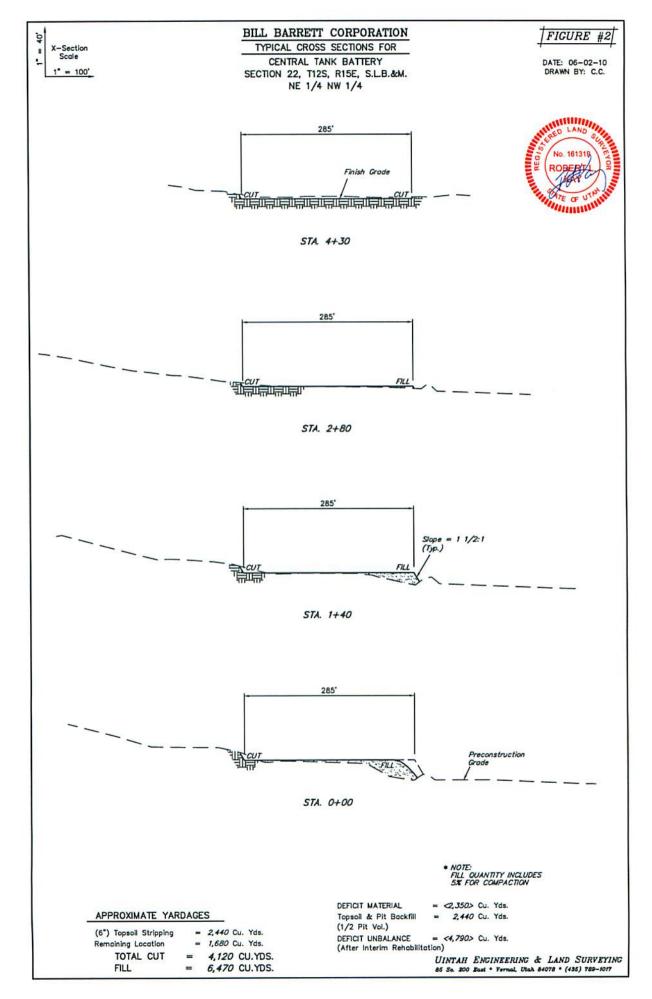


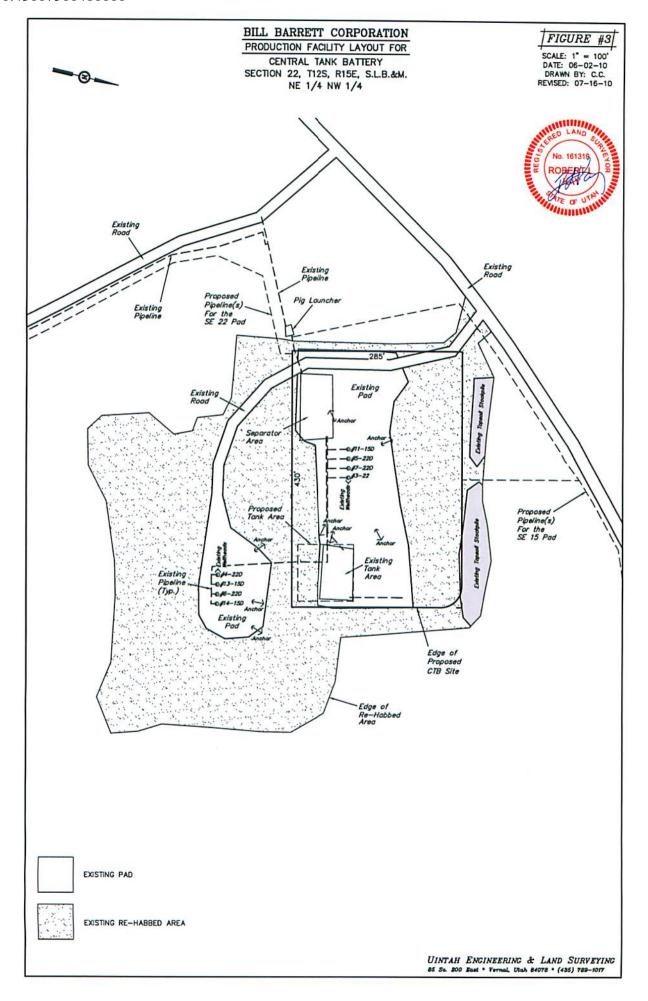












BILL BARRETT CORPORATION
PRICKLY PEAR UNIT FEDERAL #9-22D-12-15,
#10-22D-12-15, #16-22D-12-15, #2-27D-12-15,
FUTURE: #10A-22-12-15, #11A-22D-12-15,
#9A-22D-12-15, #16A-22D-12-15, #1A-27D-12-15,
#15A-22D-12-15 & #2A-27D-12-15
SECTION 22, T12S, R15E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; RIGHT AND PROCEED IN SOUTHWESTERLY, Α NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 5.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHWESTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING 2-TRACK TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 330' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.7 MILES.

# APIWellNo:43007500410000'

### SURFACE USE PLAN

# BILL BARRETT CORPORATION Prickly Pear Unit Federal SE Sec. 22 Pad SUP Carbon County, UT

Prickly Pear Unit Federal 10-22D-12-15	Prickly Pear Unit Federal 9-22D-12-15
NWSE, 2136' FSL, 2199' FEL, Sec. 22, T12S-R15E (surface hole)	NWSE, 2152' FSL, 2196' FEL, Sec. 22, T12S-R15E (surface hole)
NWSE, 2000' FSL, 1989' FEL, Sec. 22, T12S-R15E (bottom hole)	NESE, 2007' FSL, 669' FEL, Sec. 22, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 2-27D-12-15	Prickly Pear Unit Federal 16-22D-12-15
NWSE, 2097' FSL, 2207' FEL, Sec. 22, T12S-R15E (surface hole)	NWSE, 2129' FSL, 2200' FEL, Sec. 22, T12S-R15E (surface hole)
NWNE, 625' FNL, 2051' FEL, Sec. 27, T12S-R15E (bottom hole)	SESE, 709' FSL, 720' FEL, Sec. 22, T12S-R15E (bottom hole)

This is a new pad with a total of eleven directional wells proposed (four to be drilled in Phase 1, seven future wells). The onsite for this pad occurred December 2008 and a subsequent onsite occurred June 30, 2010 to review pad changes.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

### 1. Existing Roads:

- a. The proposed pad is located approximately 47 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- c. No topsoil stripping would occur as there are no improvements proposed to existing State, County or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- e. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction would be within the Unit.

Bill Barrett Corporation Surface Use Plan Prickly Pear SE 22 Pad Carbon County, Utah

### 2. Planned Access Road:

- a. From the existing Prickly Pear road, approximately 330' of existing two-track is required to be upgraded within the Prickly Pear Unit (see Topographic Map B). A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (0.61 acres) reclaimed to a long-term corridor of 30 ft (0.2 acres).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts would be constructed, where necessary and as topographic conditions allow, to improve traffic safety. A maximum grade of 10 percent would be maintained with minimum cuts and fills, as necessary, to access the well pad.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary.
- i. No gates or cattle guards are anticipated at this time.
- Surface disturbance and vehicular travel would be limited to the approved location access road.
   Adequate signs would be posted, as necessary, to warm the public of project related traffic.
- k. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007</u>. BBC would be responsible for all maintenance of the access road.

### 3. Location of Existing Wells (see One-Mile Radius Map):

 Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i. water wells none ii. injection wells none

iii. disposal wells none
iv. drilling wells none
v. temp shut-in wells none
vi. producing wells twenty-eight
vii. abandoned wells one

# 4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 64 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Tank facilities for this pad would be located at a centralized tank battery facility (CTB) at the existing Prickly Pear 3-22 well pad in the NENW, Sec. 22, T12S-R15E within the Prickly Pear unit. Up to ten tanks (combination of 625 bbl and 400 bbl in capacity) would be located on the 3-22 well pad for production associated with this pad and for additional proposed pads that will also use this as a CTB. All of the new proposed wells for this pad are within the Prickly Pear unit and within the participating area and therefore tanks would be shared among the wells. Figures 1-3 reflect facility plans.
- c. The CTB would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3
- f. A combustor is located on the existing 3-22 CTB for control of associated condensate tank emissions. No combustor is planned on the proposed new well pad.
- g. A gas gathering pipeline (up to 12 inch diameter) and a liquids line (up to 6 inch diameter), approximately 4,631 feet in length, is associated with this application and is being applied for at this time (see Topographic Map D). Both lines would leave the north end of the pad and traverse north and west to where the gas pipeline would tie into the existing 12 inch line and the liquids line would transport the liquids to the CTB.
- h. The new pipelines would be constructed adjacent to the existing road and existing 8 inch surface-laid line at a 25 foot offset. Pipeline corridor width would be 40 feet (4.2 acres short-term, 0.2 long-term). BBC is proposing not to bury the existing pipeline to avoid shutting in production from the existing wells it services. In addition, the existing line is not coated for burial. Shutting in wells has shown to have a significant negative impact upon individual well productivity. The proposed new pipelines (gas and liquids) would be buried to avoid freezing issues with the liquids line during the winter months.

- The proposed new gas pipeline would be constructed of steel while the liquids line would be constructed of steel, polyethylene, or fiberglass.
- Although BBC intends on burying the new proposed pipelines, burial of pipelines would depend upon the site-specific topographic and soil conditions and operational requirements. If bedrock was encountered, BBC would contact the Authorized Officer at the time of construction to discuss further.
- j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
- k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend
  above the original ground level after the fill has settled. Wheel or other methods of compacting
  backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- m. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- n. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
- n. The site would require periodic maintenance to ensure that drainages are kept open and free of debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

#### 5. Location and Type of Water Supply:

 a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

> Application Number 90-1863, expires June 6, 2011 Application Number 98-860, expires September 30, 2010 Application Number 90-4, expires December 31, 2014 Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

# 6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Prickly Pear Unit.

> c. If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Prickly Pear unit or from private sources.

#### 7. Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

## Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 320 ft x 50 ft cuttings trench (indicated as reserve pit on Figure 1 located outboard of the location along the west side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

# Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

### Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

# Other

Produced fluids from the wells other than water would be decanted into steel test tanks until such
time as construction of production facilities is completed. Produced water may be used in further
drilling and completion activities, evaporated in the pit or would be hauled to a state approved
disposal facility.

- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon
  completion of access road or pipeline construction; following drilling and completion operations at
  an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

# 8. Ancillary Facilities:

Garbage containers and portable toilets would be located on the well pad.

- Storage yards for tubulars and other equipment and temporary housing areas, located on BBC surface, would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

#### 9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 460 ft x 305 ft with a 320 ft x 50 ft (5.4 acres short-term, 1.5 acres long-term) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

# 10. Plan for Restoration of the Surface:

# Interim Reclamation (see Figure 4)

- Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, where practicable.

- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

#### Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

#### 11. Surface and Mineral Ownership:

- a. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

### 12. Other Information:

- a. Montgomery Archaeological Consultants conducted cultural resource inventories for this pad, access and pipelines under MOAC 07-381 dated November 1, 2007, MOAC 08-317 dated November 18, 2008 and MOAC 10-120 dated July 20, 2010. Cultural inventories for the CTB were conducted under MOAC 06-213 dated May 16, 2006 and MOAC 10-120 dated July 20, 2010.
- b. BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - No dogs within the WTP Project Area;
  - No firearms within the WTP Project Area;
  - No littering within the WTP Project Area;
  - Smoking within the WTP Project Area would only be allowed in off-operator active
    locations or in specifically designated smoking areas. All cigarette butts would be placed in
    appropriate containers and not thrown on the ground or out windows of vehicles; personnel
    and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Prickly Pear unit: the well pad, access, proposed pipelines and CTB would occur on lease UTU-011604.

# 'APIWellNo:43007500410000'

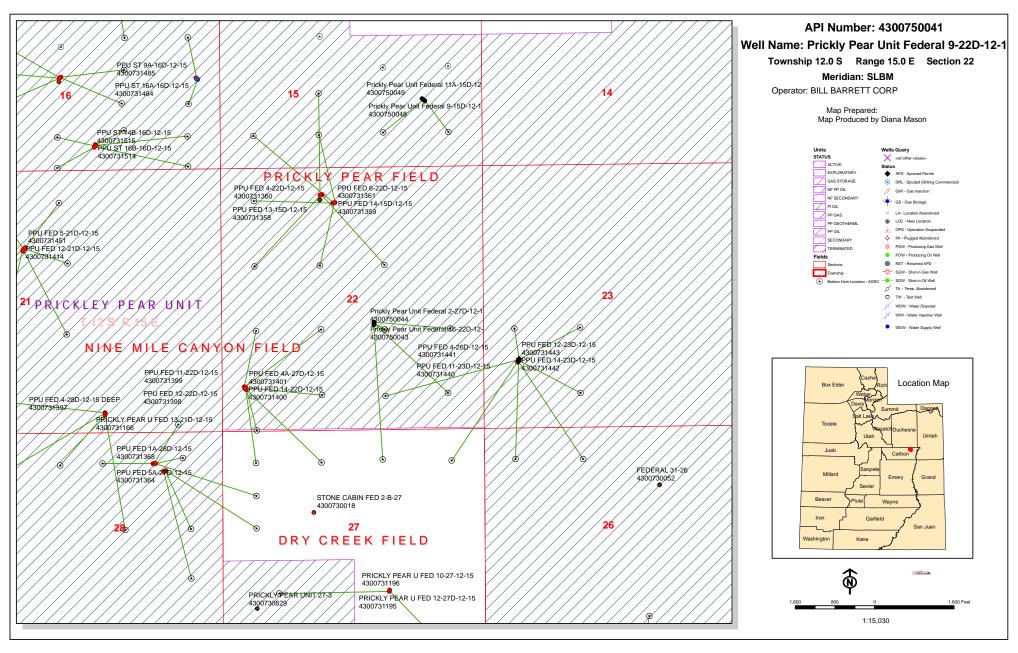
# **OPERATOR CERTIFICATION**

## Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

ord Executed this Name: Position Title: Regulatory Analyst 1099 18th Street, Suite 2300, Denver, CO 80202 Address: 303-312-8134 Telephone: Field Representative Brandon Murdock 1820 W. Hwy 40, Roosevelt, UT 84066 Address: 435-724-5252 Telephone: E-mail: bmurdock@billbarrettcorp.com

Tracey Fallang, Regulatory Analyst



# WORKSHEET APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 7/23/2010 **API NO. ASSIGNED:** 43007500410000 **WELL NAME:** Prickly Pear Unit Federal 9-22D-12-15 **OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER:** 303 293-9100 **CONTACT:** Elaine Winick PROPOSED LOCATION: NWSE 22 120S 150E **Permit Tech Review: SURFACE: 2152 FSL 2196 FEL Engineering Review:** BOTTOM: 2007 FSL 0669 FEL Geology Review: **COUNTY: CARBON LATITUDE:** 39.75796 **LONGITUDE:** -110.22082 **UTM SURF EASTINGS:** 566747.00 NORTHINGS: 4400974.00 FIELD NAME: NINE MILE CANYON **LEASE TYPE:** 1 - Federal **LEASE NUMBER: UTU-11604** PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE **SURFACE OWNER:** 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:**  PLAT R649-2-3. Unit: PRICKLY PEAR Bond: FEDERAL - WYB000040 Potash R649-3-2. General Oil Shale 190-5 Oil Shale 190-3 R649-3-3. Exception Oil Shale 190-13 Drilling Unit Board Cause No: Cause 256-1 ✓ Water Permit: Nine Mile Creek **Effective Date:** 12/16/2004 **RDCC Review:** Siting: Suspends General Siting **Fee Surface Agreement** 

R649-3-11. Directional Drill

Presite Completed Comments: APD IS IN UPOD:

**Intent to Commingle Commingling Approved** 

4 - Federal Approval - dmason 15 - Directional - dmason Stipulations:

API Well No: 43007500410000



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# Permit To Drill

\*\*\*\*\*

Well Name: Prickly Pear Unit Federal 9-22D-12-15

API Well Number: 43007500410000 Lease Number: UTU-11604 Surface Owner: FEDERAL

Approval Date: 8/2/2010

# **Issued to:**

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

# **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 256-1. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

# **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

# General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

# **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

# **Reporting Requirements:**

API Well No: 43007500410000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

Acting Associate Director, Oil & Gas

	STATE OF UTAH		FORM 9
	s ING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604	
SUND	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen or gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 9-22D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500410000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		IE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
In accordance with Completion Into Two commingling app composition is simil formations is similar considered to be finterval is required production logs and a	MPLETED OPERATIONS. Clearly show all pert Utah Division of Oil, Gas, and o or More Pools, BBC is submitted roval for the Wasatch and Meson ar across all formations. The pert and BBC does not anticipate and the event that are the submitted of the basis of the event that are the submitted of the basis of the event and the event that are the submitted of the event that are the event that are the event and the event that are the event and the event are the event and the event are the event are the event and the event are the event are the event are the event are the event and the event are the event a	Mining's Rule 649-3-22, ting this sundry to request averde formations. Gas ressure profile across the ny cross flow. Production at allocation by zone or Design sampling obtained from by zone or interval. A lets	Accepted by the Utah Division of Oil, Gas and Mining is ate: September 21, 2010  By:
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Tracey Fallang SIGNATURE N/A	303 312-8134	Regulatory Analyst  DATE 8/26/2010	



Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116 Attention: Dustin Doucet

RE: Sundry Notices

Prickly Pear Unit

Sections 22 & 27 T12S R15E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 9-22D-12-15, 10-22D-12-15, 16-22D-12-15 & 2-27D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman

**Enclosures** 

303 291 0420



# **AFFIDAVIT**

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 9-22D-12-15, 10-22D-12-15, 16-22D-12-15 & 2-27D-12-15 wells drilled from a pad located in the SE of Section 22, Township 12 South, Range 15 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah, acting by and through the School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

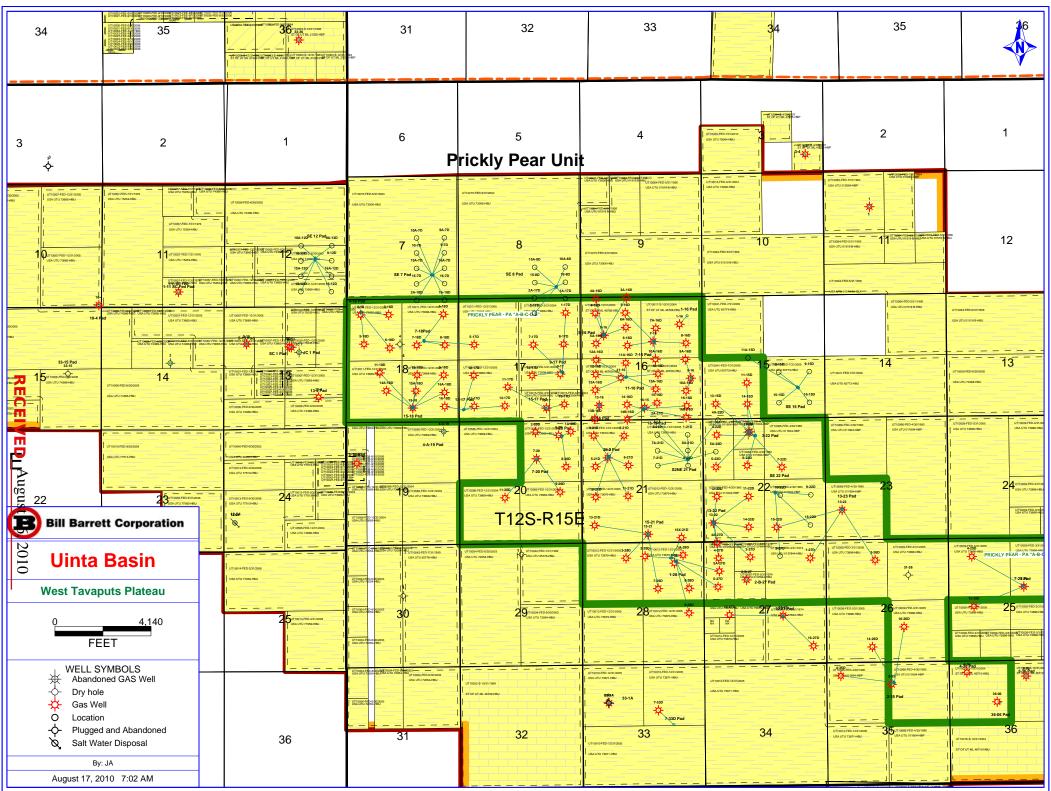
Bureau of Land Management Price Field Office 125 South 600 West Price, Utah 84501

XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Date: August 5, 2010

Affiant

Vicki I. Wambolt





Bureau of Land Management
Price Field Office
125 South 600 West
Price, UT 84501

Attention: Marvin Hendricks

RE: Sundry Notices

Prickly Pear Unit

Sections 22 & 27 T12S R15E

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Certified Mail 7008 1830 0001 5329 9154

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

his Tukinbult

Vicki L. Wambolt

Landman

**Enclosures** 



State of Utah Certified Mail 7008 1830 0001 5329 9338 School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

RE: Sundry Notices

Prickly Pear Unit

Sections 22 & 27 T12S R15E

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**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman

**Enclosures** 



XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Certified Mail 7008 2810 0002 3823 8842

RE: Sundry Notices

Prickly Pear Unit

Sections 22 & 27 T12S R15E

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**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman

**Enclosures** 

# DIVISION OF OIL, GAS AND MINING

# **SPUDDING INFORMATION**

Name of Cor	mpany: BILL BARRETT CORPORATION							
Well Name	<u></u>	PRICK	KLY P	EAR UNIT	FED 9-2	2D-12	2-15	_
Api No:	43-007-500	41	_Leas	se Type	FEDER	<u>AL</u>		
Section 22	_Township_12	2S Range	15E	County	CARB	ON		
Drilling Cor	ntractor P	ETE MART	IN D	RILLING 1	LLC_RIG	G#	BUCKET	
SPUDDE	D:							
	Date	09/27/2010	) <u> </u>					
	Time	3:00 PM						
	How	DRY						
Drilling wi	ill Commend	ce:						
Reported by		GERAL	D AS	HCROFT				
Telephone #		(435) 82	28-744	5				
Date	09/27/2010	Signed	C]	HD				



# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

			ENTITY ACTIO	N FORM				
perator:	Bill Ba	rrett Corporation		One	erator Ac	count N	ımher:	N 2165
ddress:	1099 1	8th Street, Suite 2300	th Street, Suite 2300				BITIDO(	
	city Denver						_	
	state C	o e	zip 80202		F	hone Nu	ımber:	(303) 312-8134
Yeli 1							_	
API Nu	ımber	Well	Name	QQ	Sec	Twp	Rng	County
43007	50041	Prickly Pear Unit Fed	leral 9-22D-12-15	NWSE	22	128	15E	Carbon
Action	Code	Current Entity Number	New Entity Number	s	pud Da	te	Entity Assignment	
A	B	99999	14794		10/2/201	0	//	0/11/10
Veli 2								
Veli 2 API Nu	mber	Well	Name		Sec	Twp	Rng	County
		Well Current Entity Number	Name New Entity Number		Sec pud Dat		Ent	County tity Assignment Effective Date
API Nu	Code	Current Entity	New Entity				Ent	tity Assignment
API Nu Action Comment	Code	Current Entity Number	New Entity Number				Ent	tity Assignment
API Nu Action Comment	Code	Current Entity Number	New Entity				Ent	tity Assignment
API Nu Action Comment	Code	Current Entity Number	New Entity Number	QQ	pud Dat	Twp	Ent E	ity Assignment Effective Date

**ACTION CODES:** 

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

Tracey Fallang

Name (Rlease Print)

Signature

Title

Regulatory Manager

10/5/2010 Date

(5/2000)

Original Sent

OCT 0 5 2010

**RECEIVED** 

DIV. OF OIL, GAS & MINING

Form 3160-3 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OMB No. 1004-0136	,
Expires July 31, 2010	)

5.	Lease Serial No.
	UTU11604

UT	U11	604	

APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name		
Ia. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name and No. UTU79487H		
lb. Type of Well: ☐ Oil Well     Gas Well   ☐ Oth	Lease Name and Well No.     PRICKLY PEAR UNIT FEDERAL 9-22D-12-1			
2. Name of Operator Contact: BILL BARRETT CORPORATION E-Mail: tfallang@	TRACEY FALLANG	9. API Well No.		
3a. Address	3b. Phone No. (include area code)	43-007-50041  10. Field and Pool, or Exploratory		
1099 18TH STREET, SUITE 2300 DENVER, CO 80202	Ph: 303.312.8134	PRICKLY PEAR		
4. Location of Well (Report location clearly and in accorded	ince with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area		
At surface NWSE 2152FSL 2196FEL		Sec 22 T12S R15E Mer SLB SME: BLM		
At proposed prod. zone NESE 2007FSL 669FEL	N - 2			
<ol> <li>Distance in miles and direction from nearest town or post 47 MILES FROM MYTON, UT</li> </ol>	office*	12. County or Parish 13. State CARBON UT		
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>2007' (LEASE), &gt;1 MILE (UNIT)</li> </ol>	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well 40.00		
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> </ol>	19. Proposed Depth	20. BLM/BIA Bond No. on file		
1500'	8200 MD 7845 TVD	WYB000040		
21. Elevations (Show whether DF, KB, RT, GL, etc. 7312 GL	22. Approximate date work will start 09/01/2010	23. Estimated duration 40 DAYS (D&C)		
	24. Attachments			
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to	this form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off</li> </ol>	Item 20 above).	ons unless covered by an existing bond on file (see		
25. Signature (Electronic Submission)	Name (Printed/Typed) TRACEY FALLANG Ph: 303.312.8134	Date 07/23/2010		
Title REGULATORY ANALYST				
Approved by (Signature)	Name (Printed/Typed)  Karl IV6VV	Date 9/17/10		
ACTING FIELD MANAGER	Office PRICE FIELD	OFFICE		
Application approval does not warrant or certify the applicant hoperations thereon.  Conditions of approval, if any, are attached.	olds legal or equitable title to those rights in the subject le	ease which would entitle the applicant to conduct		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, States any false, fictitious or fraudulent statements or representate		o make to any department or agency of the United		

Additional Operator Remarks (see next page)

RECEIVED

Electronic Submission #90152 verified by the BLM Well Information System
For BILL BARRETT CORPORATION, sent to the Moab
Committed to AFMSS for processing by ANITA JONES on 07/30/2010 (10AIJ0253AE)

NOTICE OF APPROVAL

DIV. OF OIL, GAS & MINING CONDITIONS OF APPROVAL ATTACHED



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** PRICE FIELD OFFICE



**125 SOUTH 600 WEST** 

**PRICE. UT 84501** 

(435) 636-3600

# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

**Bill Barrett Corporation** 

Surface Location: NWSE-Sec 22-T12S-R15E

Well No:

Prickly Pear Unit Federal 9-22D-12-15

Lease No:

UTU-11604

API No:

43-007-50041

Agreement:

UTU-79487H

**OFFICE NUMBER:** 

(435) 636-3600

OFFICE FAX NUMBER: (435) 636-3657

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

# NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	· <del>-</del>	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8 Date: 9/17/2010 Well: Prickly Pear Unit Federal 9-22D-12-15

# DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

# SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

# **VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice
  Meter to use a flow conditioner on this well instead of straightening vanes is approved with the
  following conditions:
  - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

Page 3 of 8 Date: 9/17/2010

Well: Prickly Pear Unit Federal 9-22D-12-15

# STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
  closing unit controls shall remain unobstructed and readily accessible at all times, and choke
  manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
  requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
  the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
  flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 8 Date: 9/17/2010

Well: Prickly Pear Unit Federal 9-22D-12-15

# STANDARD OPERATING REQUIREMENTS (cont.)

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging
  of the well (unless the plugging is to take place immediately upon receipt of oral approval), so
  that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

Page 5 of 8 Date: 9/17/2010

Well: Prickly Pear Unit Federal 9-22D-12-15

# SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Prickly Pear Drilling Program One Multiple Well Location

Operator: Bill Barrett Corporation

**List of Wells:** 

Name	Number	Section	TWP/RNG
Prickly Pear Unit Federal	9-22D-12-15	22	12S/15E
Prickly Pear Unit Federal	10-22D-12-15		
Prickly Pear Unit Federal	16-22D-12-15		
Prickly Pear Unit Federal	2-27D-12-15		

# I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

# II Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. The cuttings trench shall be lined.
- 3. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 4. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 5. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.

Page 6 of 8 Date: 9/17/2010

Well: Prickly Pear Unit Federal 9-22D-12-15

6. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.

7. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

# III Standard Conditions of Approval

#### A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

# **B.** Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

# C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

# D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- 2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second

Page 7 of 8 Date: 9/17/2010

Well: Prickly Pear Unit Federal 9-22D-12-15

complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.

- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

# E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

# F. Roads and Pipelines

- Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control.
  The operator is responsible for maintenance of all roads authorized through the lease or rightof-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft
  wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold
  Book standards, except as modified by BLM. Maintenance may include but is not limited to
  grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

Page 8 of 8 Date: 9/17/2010 Well: Prickly Pear Unit Federal 9-22D-12-15

# Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider—a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES			FORM 9	
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604			
SUNDE	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals	en exist . Use A	ting wells below current PPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 9-22D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43007500410000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, E			UMBER: L64 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	TP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	n: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE N	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	☐ ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN		FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Sacc or Space.	REPERFORATE CURRENT FORMATION	□ :	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	·	VENT OR FLARE	WATER DISPOSAL
Report Date: 10/31/2010	☐ WATER SHUTOFF	<u></u> :	SI TA STATUS EXTENSION	☐ APD EXTENSION
10/31/2010	WILDCAT WELL DETERMINATION		OTHER	OTHER:
l .	OMPLETED OPERATIONS. Clearly show all p TOBER 2010 MONTHLY ACTIV			volumes, etc.
				Accepted by the
				Utah Division of I, Gas and Mining
			FUI	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBE</b> 303 312-8115	R	TITLE Permit Analyst	
SIGNATURE N/A			<b>DATE</b> 11/4/2010	



Prickly Pear Fed. #9-22D-12-15 10/2/2010 06:00 - 10/2/2010 18:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept Drilling & Completion

Time Log Summary

Prickly Pear Fed. #9-22D-12-15 10/7/2010 20:00 - 10/8/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept Drilling & Completion

Time Log Summary

Rig up - 2, Drill surface @480' - 8

Prickly Pear Fed. #9-22D-12-15 10/8/2010 06:00 - 10/9/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept Drilling & Completion

Time Log Summary

Drill 12 1/4" surface hole to 1073.89 - 16, Circ and lay down pipe - 2.5, Run 9 5/8 csg and cement - 5.5

#### Carol Daniels - Patterson rig 51 moving TIAS RISF 5-22 43007 50041

From:

"Rod Wirth"

To:

"Carol Daniels", "Elaine Winick", "Tracey Fallang", "Troy Schindler", "Randy Bywater", "Don Stephens", "Alan Walker", "Brent Murphy", "Dominic Spencer"

Date:

11/28/2010 11:54 AM

**Subject:** Patterson rig 51 moving

All,

Patterson rig 51 will be skidding to the Bill Barrett Corp. Prickly Pear Federal 9-22D-12-15 (API #43-007-50041-00-X1) on Monday 11/29/2010. We will be testing the BOPE at approx 10:00 PM.

Rod Wirth

Bill Barrett Corp.

303-353-5451

rodwirth@vcn.com

HECEWED

DEC 0 1 2011

DIV. OF OIL, GAS & MINING

	STATE OF UTAH		FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	RY NOTICES AND REPORTS		or it indian, accorded on this mane.
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007500410000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
11/1/2010	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	 DMPLETED OPERATIONS. Clearly show all po		volumes, etc.
Dril	lling Activity Report for Nove		
			Accepted by the
			Utah Division of
			il, Gas and Mining
		FOI	R RECORDONLY
NAME (PLEASE PRINT)	PHONE NUMBER		
Brady Riley	303 312-8115	Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 12/9/2010	



# **Daily Completion and Workover**

Well Name: Prickly Pear Fed. #9-22D-12-15

Report # 4.0, Report Date: 11/29/2010

Well Nar	ne		A	PI/UWI			License No.		Ext	ra Well ID I	В	Op	perator		Govt Author	ity
Prickly	Pear Fed.	#9-22D-1	12-15 4	300750	0041							В	ill Barrett Corp	oration		
Well Cor	figuration	Туре	О		B Elevation (		Ground Ele		КВ	-Ground Di		Re	gulatory Drilling Sp	oud Date	Regulatory I	Rig Release Date
					7,328.00			7,311.00			17.00	I .	10/7/2010 10:0			
	Legal Loc -22-12			orth/Sout	h Distance ( 2,152.0	(ft)	North/South	Reference FSL	Eas	st/West Dis	tance (ft) ,196.0	Ea	st/West Reference FEL	1	Lat/Long Da	atum
Latitude		J-10L-1		ongitude	,	-	Basin	1 OL		ld Name	,	Co	ounty		State/Provin	nce
							Uinta		W	est Tava	puts	С	ARBON		UT	
Jobs					Deine	Lab Taras							Otant Data		F - 4 D - 4 -	
Job Cate D & C	gory				Primary J	Job Type   & Comple	etion						Start Date	2010	End Date	•
l .	epth (ftKB	) Targe	t Formation	on		AFE Number		I AFE+Sup	Total Fld	Cost	Total Final	Invoice	AFE-Field Estimate		Date	Drilled Depth (ft)
7,	540.0	Mes MD	averde	-APD T	D 8,200	14758	D 2,	954,418.00	572,	680.38	161,2	83.95	2,381,737.62	2		6,786.74
Daily	Operati tart Date	ons		D	F1 D-1-		110/	h			•	<b>T</b>	(0E)   D10			
Report S		/2010		Report	End Date 11/30/	2010	Weat p/cl						ture (°F) Road Co	mailion		
24 Hour	Summary				11/00/	2010	pron	<u> </u>	Ор	erations Ne	ext Report Pe		.0			
Skid ri	g, rig up	o, nipple	e up, te	st					Dr	ill						
Daily (	Contac	ts														
				(	Contact Nam	ne							Office			
Daily	Time B	reakdo	<b>wn</b> Cum		<u> </u>							I				
Start Time	End Time	Dur (hrs)	Dur (hrs)	Cada	Cate			Phase		Drable	Daf#			C		
12:00	16:00	4.00	4.00	Code 1	RIGUP			Filase		Proble	em Ref #	Skid rig	from 10-22D-	Commer 12-15	Ц	
16:00	6:00 18:00 2.00 6.00 1 RIGUP & TEARDOWN									Rie						
18:00	23:00	5.00	11.00	14	NIPPLE							Nipple (	ıp BOPE. Day	work start	@ 6:00 P	M, 11/29/2010
23:00	06:00	7.00	18.00	15	B.O.P TEST B	.O.P						Test BC	PE			
Safety	Check	S														
Time	9			Descri	ption				Туре					Comm	nent	
Logs																
Logs	D	ate					Туре					Top (ftKB)		Bti	m (ftKB)	Cased
Logs	D	ate					Туре					Top (ftKB)		Bti	m (ftKB)	Cased No
	ations					Zone	Туре		Ton (ftKF	8)				Btı		No
	ations	Date				Zone	Туре		Top (ftKE	3)			Stm (ftKB)	Bti		
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Perfor	ations	Date				Zone	Туре							Bti	Curre	No ent Status
Perfor	ations	Date		s one		Zone	Туре		Top (ftKE					Bti		No ent Status
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Stimu Date Stg No. Other	ations lations	& Trea	Zitage Type  Descrip	one		Zone			Sta	ge (		E	Stm (ftKB)		Curre Stim/Treat C	No not Status  Company  bbl)  Btm (ftKB)



# **Daily Completion and Workover**

Well Name: Prickly Pear Fed. #9-22D-12-15

Report # 5.0, Report Date: 11/30/2010

Total	D-12-15 4	3007500 riginal KB E		Lic	ense No.		Extra We	I ID B		Operator		Govt Authority	,	
	Oi No	riginal KB E								1 '	ornorotion			
Surface Laps   Location   North   South Potentiare (ii)   North   South Performance (ii)   South Performance (iii)   South   Performance (iiii)   South   Performance (iiiii)   South   Performance (iiiiii)   South   Performance (iiiiiii)   South   Per		7	Lievalion (i	t) Gr	ound Elev	ation (ft)	KB-Grour	d Distance	e (ft)			Regulatory Ri	g Release Date	
NUMSE-22-12S-16E-VV.		7,328.00					Fast/Wes			10/7/2010 10:00:00 PM				
Unite	vvZ			.,	, 000		240077700					Lat 2011g Date		
Description   Prince   Princ	Lo	ongitude (D	MS)										Э	
Date   Target Depth (1988)   Target Popth (1988)   Target Popth (1988)   Target Depth							_	· ·				-		
Togeth (MKB)   Toge											17/0040	End Date		
Mesaverde-APD TD 8,200	get Formatio	n				AFF+Sup 1	otal Fld Cost	Tota	al Final Invoice			) Date	Drilled Depth (ft)	
Report Safe Table	esaverde-							- 1			1 0		6,786.74	
11/30/2010					,			,			•	•		
A but Summary   Tests BOPE   wash down rat and mouse hole, pick up bha, cut drill line, drill   Cement, float and shoe, drill   Daily   Time   Time   Daily   Daily	1	Report En		2010					Temp		d Condition			
Daily Contact Name	lown rat a	and mou			-		1 '	s Next Re	port Period	24.0				
Contact Name   Cont														
Start   End   Dur   Uns   Cur   Uns   Coun   Uns										Off	ice			
Start   End   Dur   Uns   Cur   Uns   Coun   Uns														
State   End   Our   Curs   Curs   Cut   Category   Phase   Problem Ref #   Comment														
O6:00   O7:00   1.00   1.00   1.5   TEST B.O.P   Test BOPE   Wash down rat and mouse hole   Wash down rat and mouse hole   Issue   I	Dur													
13:00   13:0	ne Time (hrs) (hrs) Code Category					Phase	P	roblem Re		PODE	Comme	nt		
13:00   15:00   2.00   9.00   6				U.F							l mouse hole			
15:00   17:30   2:50   11:50   9													rip in	
17:30   20:00   2.50   14:00   22   OPEN   OPEN   OPEN   OPIN		9 (	CUT OF	F DRILL	-									
Drill from 1030' to 1492   Safety Checks   Time	0 14 00								Drill	Il coment float and shoe				
Safety Checks Time Description Type Comment  Logs  Date Type Top (ftKB) Btm (ftKB)  Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Stimulations & Treatments  Date Zone Stage Stim/Treat Company  Stig No. Stage Type Top (ftKB) Btm (ftKB) V clean (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB) Btm (ftKB) Stim (ftKB) V clean (bbl)				CTUAL										
Time Description Type Comment  Logs  Date Type Top (ftKB) Btm (ftKB)  Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Stimulations & Treatments  Date Zone Stage Stim/Treat Company  Sty No. Stage Type Top (ftKB) Btm (ftKB) V clean (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB) Btm (ftKB) Btm (ftKB) Btm (ftKB) Stage Type Top (ftKB) Btm (ftKB) Stage Type Top (ftKB) Btm (ftKB) Stage Type Stage Type Top (ftKB) Btm (ftKB) Stage Type Stage Type Top (ftKB) Btm (ftKB) Stage Type Stage Type Stage Type Top (ftKB) Btm (ftKB) Stage Type Type Type Type Type Type Type Typ														
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Perforations  Date Zone Top (ftKB) Btm (ftKB)  Stimulations & Treatments  Date Zone Stage Stage Stim/Treat Company  Stg No. Stage Type Top (ftKB) Btm (ftKB) V clean (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB) Etm (ftKB)														
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Date   Zone   Top (ftKB)   Btm (ftKB)   Current Status														
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No.         Stage Type         Top (ftKB)         Btm (ftKB)         V clean (bbl)           Other In Hole           Description         Run Date         OD (in)         Top (ftKB)         Btm (ftKB)		one					Stage					Sum/ freat Co	трапу	
Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)	O: T				Top (##/P)				D: ((1/D)			V clean (bbl)		
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	Descript	tion				Run Date		OD (in	1)	Top (	ftKB)	В	tm (ftKB)	
Cement								35 (m)						
Description Start Date Cement Comp	ription					,	Start Date					Cement Con	ıp	
		Stage Type	Report End   Report End	Report End Date	Report End Date	get Formation esaverde-APD TD 8,200 AFE Number 14758D 2,9    Report End Date 12/1/2010   Weath 12/1/2010   Report End Date 14/1/2010   Report	Total AFE+Sup   Total AFE+Sup   2,954,418.00   Total AFE+Sup	Total Fid Cost   Stage   Sta	Total AFE Number   Saaverde-APD TD 8,200   Saaverde-	AFE Number   Saaverde-APD TD 8,200   AFE Number   14758D   2,954,418.00   572,680.38   Total Final Invoice   161,283.95   Total Pinal Cost   161,283.95   Total Pinal Cost   161,283.95   Total Pinal Invoice   161,283.95   Tot	AFE Number   Total AFE-Sup   Total AFE-Sup   Total AFE-Number   14758D   2,954,418.00   572,680.38   Total Final Invoice   AFE-Field Esti   2,954,418.00   Total Final Invoice   AFE-Field Esti   2,954,018.00   Total Final Invoice	AFE Number   Sawarde-APD TD 8,200	AFE Number   AFE	

	STATE OF UTAH				FORM 9			
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MII			5.LEAS UTU-1	E DESIGNATION AND SERIAL NUMBER: 1604			
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOTTEE OR TR								
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. \t			or CA AGREEMENT NAME: LY PEAR				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15					
2. NAME OF OPERATOR: BILL BARRETT CORP					NUMBER: 500410000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , E		<b>DNE NUI</b> 12-816			D and POOL or WILDCAT: MILE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL				COUNT				
QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN: ! Township: 12.0S Range: 15.0E Meridian:	S		STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NA	TURE OF NOTICE, REPORT,	OR OTI	HER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION					
	☐ ACIDIZE		LTER CASING		CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	□ сн	HANGE TUBING		CHANGE WELL NAME			
1/1/2011	☐ CHANGE WELL STATUS	☐ cc	OMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE			
SUBSEQUENT REPORT	☐ DEEPEN	☐ FR	RACTURE TREAT		NEW CONSTRUCTION			
Date of Work Completion:	☐ OPERATOR CHANGE	☐ PL	LUG AND ABANDON		PLUG BACK			
	☐ PRODUCTION START OR RESUME	RE	ECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ sī	DETRACK TO REPAIR WELL		TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VE	ENT OR FLARE		WATER DISPOSAL			
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ sī	TA STATUS EXTENSION		APD EXTENSION			
Report Date:	☐ WILDCAT WELL DETERMINATION	<b>√</b> 01	THER	отн	ER: well testing procedures			
This sundry is being and verbally approv	DAMPLETED OPERATIONS. Clearly show all person submitted to further clarify te ved by the BLM as well as finated to Brady Riley with questions	esting al equ	g procedures discussed uipment installations.	l <b>⊿</b>	etc. Accepted by the Utah Division of			
Trease conte	act brady they with questions	o at J	05 512 6115.		, Gas and Mining			
			Da	ate: <u>(</u>	12/28/2010			
			В	y:	LOT K Lint			
NAME (DI EASE DOTNEY	BLIONE MINESES	1.	TITI E					
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115		<b>TITLE</b> Permit Analyst					
SIGNATURE N/A		ı	DATE 12/21/2010					

#### **General Well Testing**

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

#### Details specific to the **Prickly Pear SE 22 pad** are as follows:

Well Name		Drill	Lease		
Prickly Pear Unit Fed	API	Phase <sup>1</sup>	UTU-	PA Boundary	Facilities (SE 22 pad)
15A-22D-12-15	not yet permitted	2	11604	In	
11A-22D-12-15	not yet permitted	2	11604	In	
2A-27D-12-15	not yet permitted	2	0137844	In	1) All wells proposed on this pad are within the PA;
10-22D-12-15	4300750042	1	11604	In	2) Liquids to be piped to a central tank battery (CTB) on the existing Prickly Pear 3-22 pad/CTB location. Two buried lines were laid
2-27D-12-15	4300750044	1	0137844	In	from the pad to the CTB, one 6" inch PA and one 2" test line PA. Liquids to be combined
10A-22D-12-15	not yet permitted	2	11604	ln	with existing PA production from the eight 3- 22 pad wells and other future pad production
9A-22D-12-15	not yet permitted	2	11604	In	(NE 22, SE 15, etc.). PA and non-PA production would be kept separate;  3) One 12" inch buried gas line to the main
1A-27D-12-15	not yet permitted	2	0137844	In	tie-in was laid (adjacent to the existing line). 4) Up to 13 625-bbl and 400-bbl tanks would
16-22D-12-15	4300750043	1	11604	In	be located on the CTB and one low-profile 300 bbl tank may be located on the pad.
16A-22D-12-15	not yet permitted	2	11604	In	
9-22D-12-15	4300750041	1	11604	In	

<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

### Details specific to **the Prickly Pear NE 22** pad are as follows:

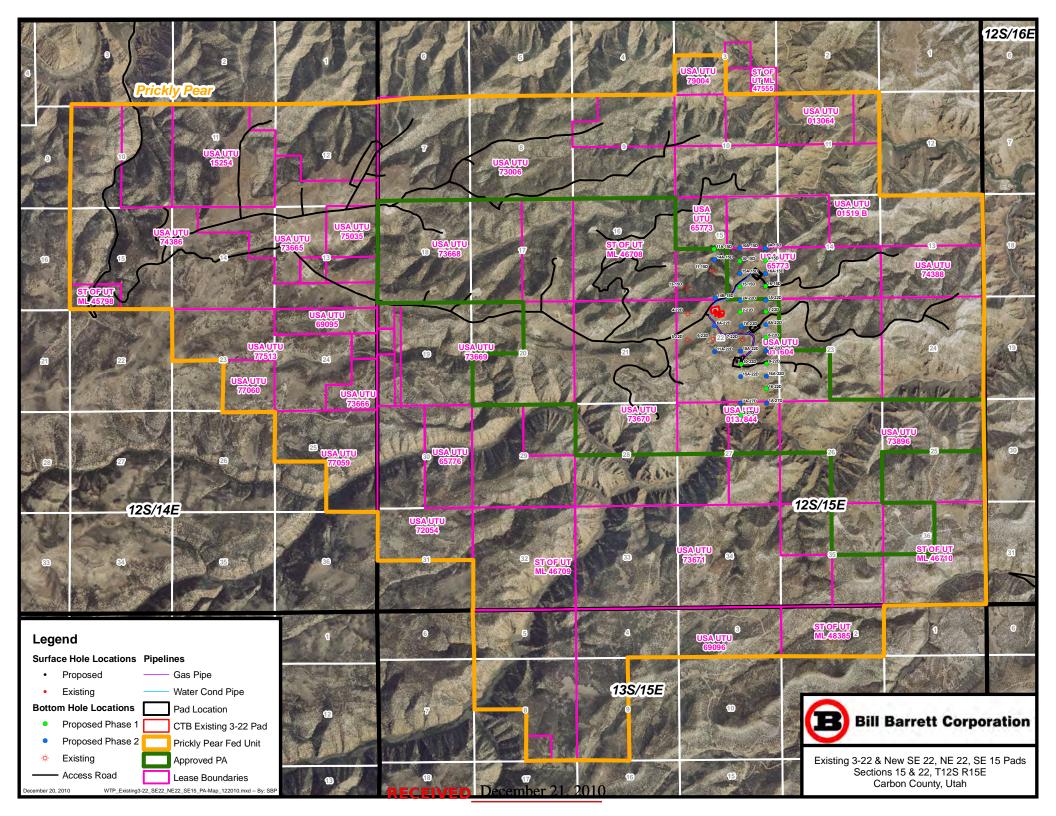
Well Name		Drill	Lease	PA	
Prickly Pear Unit Fed	API	Phase <sup>1</sup>	UTU-	Boundary	Facilities (NE 22 pad)
6A-22D-12-15	not yet permitted	2	11604	In	
7A-22D-12-15	not yet permitted	2	11604	In	1) All wells proposed on this pad are within the PA; 2) Liquids to be piped to a central tank battery (CTB)
14B-15D-12-15	not yet permitted	2	65773	In	on the existing Prickly Pear 3-22 pad/CTB location. Two buried lines were laid from the pad to
2-22D-12-15	4300750077	1	11604	In	the CTB, one 6" inch PA and one 2" test line PA. Liquids to be combined with existing PA
2A-22D-12-15	not yet permitted	2	11604	In	production from the eight 3-22 pad wells and other future pad production (NE 22, SE 15, etc.). PA and non-PA production would be kept separate;
1A-22D-12-15	not yet permitted	2	11604	In	3) One 12" inch buried gas line to the main tie-in was laid (adjacent to the existing line).
1-22D-12-15	4300750076	1	11604	In	4) Up to 13 625-bbl and 400-bbl tanks would be located on the CTB and one low-profile 300 bbl tank
8-22D-12-15	4300750078	1	11604	In	may be located on the pad.
8A-22D-12-15	not yet permitted	2	11604	In	

<sup>&</sup>lt;sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

#### Details specific to the **Prickly Pear SE 15 pad** are as follows:

Well Name Prickly Pear Unit Fed	API	Drill Phase <sup>1</sup>	<b>Lease</b> UTU-	PA Boundary	Facilities (SE 15 pad)
16-15D-12-15	not yet permitted	1	65773	Out	
16A-15D-12-15	not yet permitted	2	65773	Out	1) Wells proposed on this pad are a combination of PA and
14A-15D-12-15	not yet permitted	2	65773	In	non-PA wells; 2) Liquids to be piped to a central tank battery (CTB) on the
9-15D-12-15	4300750077	1	65773	Out	existing Prickly Pear 3-22 pad/CTB location. Four buried lines were laid from the pad to the CTB, one 6" inch PA and
9A-15D-12-15	not yet permitted	2	65773	Out	one 2" inch PA test, one 2" inch non-PA and one 2" inch non-PA test. PA liquids from this pad would be combined with PA production from the eight 3-22 pad wells and other
15-15D-12-15	not yet permitted	1	65773	Out	future pad production (NE 22, SE 22, etc) and non-PA liquids would be combined separately.
11A-15D-12-15	4300750076	1	65773	In	<ul><li>3) One 12" inch buried gas line to the main tie-in was laid.</li><li>4) Up to 13 625-bbl and 400-bbl tanks would be located on</li></ul>
15A-15D-12-15	4300750078	2	65773	Out	the CTB and one low-profile 300 bbl tank may be located on the pad.
10A-15D-12-15	not yet permitted	2	65773	Out	
10-15D-12-15	not yet permitted	1	65773	Out	

<sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.



			FORM 9		
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE	°FS			
	DIVISION OF OIL, GAS, AND MI		<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-11604		
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepei ugged wells, or to drill horizontal laterals.		7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500410000		
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL			COUNTY: CARBON		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	: S	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	Γ, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATION	S CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION		
Date of Work Completion.	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK		
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	U TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL		
✓ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION			
Report Date: 12/1/2010			☐ APD EXTENSION		
, ,	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:		
	OMPLETED OPERATIONS. Clearly show all per ecember 2010 Monthly Activit		, volumes, etc.		
			Accepted by the		
			Utah Division of		
			il, Gas and Mining		
		FO	R RECORDONLY		
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	R TITLE Permit Analyst			
SIGNATURE N/A		<b>DATE</b> 1/3/2011			



Prickly Pear Fed	#9-22D-12-15	12/1/2010 06:00 -	12/2/2010 06:00
II IICKIV I GAI I GA	1. #3-LLD-1L-1J	12/1/2010 00.00	

API/UWI State/Province County Field Name Well Status Concept Total Depth (ftKB) Primary Job Type Van CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Drill and slide f/1492-1850 - 6.5, Rig ser. function pipe rams - 0.5, Drill and slide f/1850-2287 - 5, Drill and slide f/2287-3083 - 12

Prickly Pear Fed. #9-22D-12-15 12/2/2010 06:00 - 12/3/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Drill and slide f/3083-3591 - 8, Rig ser and function pipe rams - 0.5, Drill and slide f/3591-3782 - 3.5, Drill and slide f/3782-4513 - 12

Prickly Pear Fed. #9-22D-12-15 12/3/2010 06:00 - 12/4/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Drill and slide f4544-4830 - 6, Rig ser - 0.5, Drill and slide f/4830-5687 - 17.5

Prickly Pear Fed. #9-22D-12-15 12/4/2010 06:00 - 12/5/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Drill and slide f/5687-6035 - 8, Rig ser. function rams - 0.5, Drill and slide f/6035-6068 - 0.5, Short trip 10 stds tight spots @5880 and 5700 - 2, Drill and slide f/6068-6100 - 1, Drill and slide f/6100-6577 - 12

Prickly Pear Fed. #9-22D-12-15 12/5/2010 06:00 - 12/6/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Drill and slide from 6609-6644 - 6.5, Trip for hole deviation control. Worked tight hole from 5900'- 1600' - 12, Change motor and bit. Install and scribe MWD tool - 2, Trip in, wash and ream tight spot @ 4050 - 3.5

Prickly Pear Fed. #9-22D-12-15 12/6/2010 06:00 - 12/7/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Wash and ream f/6387-6644 - 1.5, Drill f/6644-7436 - 18.5, Rig ser, function pipe rams - 0.5, Repair rotary chain - 0.5, Drill f7436-7587 - 3

Prickly Pear Fed. #9-22D-12-15 12/7/2010 06:00 - 12/8/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Drill f/7587-7816 - 5, Circ for logs - 1, Short trip 15 stds. - 2.5, circ for logs - 2.5, Trip out for logs - 4, Lay down directional tools - 1, Rig up and log w/Halliburton - 5, Pull wear bushing - 0.5, Trip in to lay down pipe - 2.5

Prickly Pear Fed. #9-22D-12-15 12/8/2010 06:00 - 12/9/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Trip in - 4.5, Circ to lay down pipe and run casing - 2.5, Lay down drill pipe and wt. pipe - 9, Run 4 1/2 casing - 8

Prickly Pear Fed. #9-22D-12-15 12/9/2010 06:00 - 12/10/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summar

Tag bottom with csg, lay down 1 joint, rig up to circ casing - 1, circ casing - 2.5, Safety meeting, cement casing - 3.25, Nipple down bope - 1.75, Set casing slips w/20,000 over weight - 1, Clean mud tanks Release rig @18:00 12/09/10 - 2.5, Clean mud tanks rig down - 12

www.peloton.com Page 1/1 Report Printed: 1/3/2011 RECEIVED January 03, 2011

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604			
SUNDF	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen agged wells, or to drill horizontal laterals. Us	existing wells below current se APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500410000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL			COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S	5	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
✓ SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
1/20/2011	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL			
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
This sundry is bei	phone Number	s well had first sales on A U Oil	olumes, etc. Accepted by the Jtah Division of , Gas and Mining RECORDONLY			
NAME (PLEASE PRINT) Brady Riley	303 312-8115	Permit Analyst				
SIGNATURE N/A		<b>DATE</b> 1/31/2011				

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604			
SUNDF	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen Igged wells, or to drill horizontal laterals. U	existing wells below current se APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500410000			
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QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian:	S	STATE: UTAH			
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TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME			
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL			
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION			
1/1/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12 DESCRIPE PROPOSED OF CO						
	MPLETED OPERATIONS. Clearly show all per nuary Monthly Activity Report		oiumes, etc.			
341	idary Monthly Activity Report		Accepted by the			
		ι	Jtah Division of			
			l, Gas and Mining			
		FOR	RECORDONLY			
NAME (DI FACE DOTALE)	BUONE MILLER	TTTLE				
NAME (PLEASE PRINT) Brady Riley	303 312-8115	TITLE Permit Analyst				
SIGNATURE N/A		<b>DATE</b> 2/2/2011				



Prickly Pear Fed. #9-22D-12-15 1/5/2011 06:00 - 1/6/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

WSI. Crew travel to location. Service equipment. - 3, RD, and re-spot equipment for working on last wells. RU well head heater, and thaw out well head. Arrange grates for well access. ND tree. NU adapter flange, and build tool string. - 4, PU, and RIH with 3.75" o.d. Gauge Ring/Junk Basket, and tag PBTD @ 7717'. POOH. LD tool string. - 1.75, W/O W/L operatikns on other wells on pad. - 11, ND tree, and NU adapter flange. Build ACBL tool string. RIH, and calibrate in free pipe. - 0.75, RIH with ACBL tool string, to PBTD. Pull 200' repeat. Psi to 1000#, and log from 7717' to 100' @ 60'/minute. Bleed off psi. Start RD test truck, and W/L. BHT- 154\*. Log was correlated to HLS SD/DSN (12-7-2010). 4406' - 7717' Very good cement, 2750' - 4406' Good cement, 1534' - 2750' Fair cement, 244' - 1534' Poor cement. TOC @ 244'. Short jt @ 6786' - 802'. - 3.25, LD tool string. Start RD equipment. - 0.25

Prickly Pear Fed. #9-22D-12-15 1/6/2011 06:00 - 1/7/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summan

Finish RD HLS equipment. Paclage, and move off location. - 1.5, W/O GyroData equipment. W/L truck had problems with radiator hose. - 1, MI, spot, and RU. Build gyrodata tools, and warm up. Test on surface. - 3, RIH with GyroData tool string. Reset tools with every 5\* inclination change. Log to PBTD, and back out to surface. Comparing both runs. Received good data. Meeting on water treatment plant, and operation. - 5, LD tool string. Change out drag springs. SDFN. Problems with W/L truck. Will pick up parts for early AM repairs. - 0.75, WSI. Roustabout crew is working on production lines. - 12.75

Prickly Pear Fed. #9-22D-12-15 1/7/2011 06:00 - 1/8/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

WSI. W/L work on other pad wells. Roustabouts are plumbing in production equipment. Meeting w/ HES, and Linde, on setting up location, for fracs. Meeting with Mountain West Oilfield @ PrPr #5-13 pad for contractor camp. Spotting in frac tanks, and CO2 vessels. - 24

Prickly Pear Fed. #9-22D-12-15 1/11/2011 06:00 - 1/12/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

WSI. Equipment travel from Vernal. - 1, MIRI Cameron, and WGPC. Seaboard dropped off frac "Y"s; yesterday. Move grating for well access. ND flow lines, and tree. NU Cameron frac mandrel, and psi test to 5000#. NU 4-1/16 10M x 1-13/16 10M WGPC frac trees. Modify cellar stairs, and entrance. PraxAir spotted in CO2 vessels. Linde is hauling CO2. Production lines were back filled. BBC sand trap was hauled to location. - 12, WSI. Operations SDFN. - 11

Prickly Pear Fed. #9-22D-12-15 1/13/2011 06:00 - 1/14/2011 06:00

API/UWI State/Province UT County Field Name Well Status Total Depth (ftKB) Primary Job Type CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

MIRU B and C Quick Test. Load hole, and psi test to 8500#, for 15 minutes; with 70/30 methanol water; recorded on chart. Good test. Bleed off. RD test truck. MI spot 1 more PraxAir storage vessel. MI, and spot Cathedral Testing equipment. RNI/Dalbo is haiuling 2% KCL to frac tanks. Still working on access stairs into cellar. Linde CO2 vessels are full, and PraxAir is still hauling to their's. - 24

Prickly Pear Fed. #9-22D-12-15 1/14/2011 06:00 - 1/15/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Start RU Cathedral Test equipment. Work on cellar stairs. Haul frac fluid. Spot HES mountain movers. HES moved frac equipment to Prickly Pear. Finish filling CO2 vessels. Start hauling in frac sand. Spot in W/L. - 24

Prickly Pear Fed. #9-22D-12-15 1/24/2011 06:00 - 1/25/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

SI - 16, Rig cutters and HES on well - 2, SI - 6

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Prickly Pear Fed. #9-22D-12-15 1/25/2011 06:00 - 1/26/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

SI - 5.5, Cutters EL stage 1 Price River. PU 10 ft. perf gun. RIH correlate to short jt run to perf depth . Perforate at 7606-7616, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac - 1.5, Safety Meeting. Flow back. Pressure lines off of wells, Shut down loc if needed, CO2, Fracing. trucks coming on loc. water. UV unit. - 0.25, HES frac stage 1 Price River 70 Q foam frac. Load & Break @ 3568 PSI @ 4.6 BPM. Avg. Wellhead Rate:24.1 BPM. Avg. Slurry Rate: 9.7 BPM. Avg. CO2 Rate: 13 BPM. Avg. Pressure: 4231 PSI. Max. Wellhead Rate: 29.9 BPM. Max Slurry Rate: 11.5 BPM. Max CO2 Rate: 21.5 BPM. Max. Pressure: 4663PSI. Total Fluid Pumped: 14.359 gal. Total Sand in Formation:56,500 lb.(20/40 White) Praxair CO2 Downhole: 80 tons. CO2 Cooldown:4 tons. ISIP:2,900 PSI. Frac Gradient: 0.82 psi/ft. Successfully flushed wellbore wit 50Q foam 50 bbl over flush with 500 gal. fluid cap - 1.25, Cutters EL stage 2 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth. set CFP 7600 ft. Perforate @ 7446-7451 & 7387-7392, 3 spf, 120 Phasing. 23 gram charge. .350 holes. POOH turn well over to frac. - 1.5, HES Frac stage 2 Price River 70Q foam frac. Load & Break @ 4361 PSI @ 14.8 BPM. Avg. Wellhead Rate:29.5 BPM. Avg. Slurry Rate: 11.4 BPM. Avg. CO2 Rate:16.5 BPM. Avg. Pressure:5,034 PSI. Max. Wellhead Rate: 33.9 BPM. Max. Slurry Rate: 13.6 BPM. Max. CO2 Rate: 23.9 BPM. Max. Pressure: 5329 PSI. Total Fluid Pumped: 21,912 gal. Total Sand in Formation: 80,500 lb. (20/40 White) Praxair CO2 Downhole: 108 tons. Co2 Cooldown: 4 tons. ISIP:3,372 PSI. Frac Gradient: 0.98psi/ft.Praxair could not boost design rate. lost CO2 boost had to cut sand and CO2 and flush wellbore. Had lower gel. viscosity due to higer ph in treated water. Successfully flushed wellbore with 50 bbl over flush. - 1, Cutters EL stage 3 Price River. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting bdepth set CFP @ 6880 ft. PU pressure up casing to 3300 psi. Perforate at 7209-7211, 7197-7201, & 7178-7182, 3 SPF. 120 phasing. 23 gram charge. .350 Holes.POOH turn well over to frac. - 1, HES frac stage 3 Price River 70Q foam frac. Load & Break@ 5571 PSI @ 12.8 BPM. Avg. Wellhead Rate: 34.2 BPM. Avg. Slurry Rate: 13.5 BPM. Avg. CO2 Rate: 18.8 BPM. Avg. Pressure: 6,442 PSI. Max. Wellhead Rate: 35.2 BPM. Max. Slurry Rate: 16 BPM. Max. CO2 Rate: 23.5 BPM. Max. Pressure: 23.5 PSI. Total Fluid Pumped: 6,684 gal. Total Sand in Formation: 17,033 lb. (20/40 White) Linde CÓ2 Downhole: 125 tons.CO2 Cooldown: 7 tons. ISIP:3,511 PSI. Frac Gradient:0.93 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters El stage 4 Dark Canyon, PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7120 ft. PU. Pressure up casing, Perforate @ 7049-7051, 7028-7032 & 6980-6984, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1.5, HES frac stage 4 Dark Canyon 70Q foam frac. Load & Break @ 6,592 PSI @ 14.9BPM. Avg. Wellhead Rate: 38.9 BPM. Avg. Slurry Rate: 15.4 BPM. Avg. CO2 Rate: 21.4 BPM. Avg. Pressure: 5999 PSI. Max. Wellhead Rate: 40.2 BPM. Max. Slurry Rate: 18.2 BPM. Max.CO2 Rate: 24.9 BPM. Max. Pressure: 6,297 PSI. Total Fluid Pumped; 32,740 Gal. Total Sand in Formation: 166,100 lb.(20/40 White) Linde CO2 Downhole: 218 tons. CO2 Cooldown: 7 tons. ISIP:3,519 PSI. Frac Gradient: 0.94 psi/ft.Lower Vis.due to high ph from water treatment. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 5 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6870 ft. PU.Pressure up casing. Perforate @ 6822-6826, 6800-6802 & 6778-6782. 3 SPF, 120 phasing. 23 gram charge. .350 holes. POOH turn well over to frac. - 1.5, HES frac stage 5 North Horn 60Q foam frac. Load & Break @4,794 PSI @ 14.8 BPM. Avg. Wellhead Rate: 39.2 BPM. Avg. Slurry Rate: 18.5 BPM. Avg. CO2 Rate: 18.6 BPM. Avg. Pressure: 5,642 PSI. Max. Wellhead Rate: 40.5 BPM. Max. Slurry Rate: 22.2 BPM. Max. CO2 Rate: 26.1 BPM. Max. Pressure: 6,202 PSI. Total fluid Pumped: 28,801 gal. Total Sand in Formation: 124.200 lb. (20/40 White) Linde CO2 Downhole: 147 tons. CO2 Cooldown: 6 tons. ISIP:3,700 PSI. Frac Gradient:0.99 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush bwith 500 gal. fluid cap. AQF slow starting up. ph high low vis. - 1, SIFN.flow back monitor well. - 6

Prickly Pear Fed. #9-22D-12-15 1/26/2011 06:00 - 1/27/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

SI - 6, Cutters EL stage 6. Ice in frac tree. Rig HES pump ice down hole with 1000 gal. . EL stage 6 North Horn. PU HES CFP with 10 ft. perf RIH correlate to short it. run to setting depth set CFP @ 6130 ft. PU. Perforate @ 6400-6402, 6378-6380, 6333-6335& 6295-6297, 3 SPF, 120 phasing, 23 gram charges, .350 holes. POOH turn well over to frac. - 2, Safety Meet. Flow back. pressure lines. Fracs, CO2, Safety on loc. PPE. rigging down equipment. moving equipment. -0.25, HES frac stage 6 North Horn 60Q foam frac. Load & Break @4,375 PSI @ 14.1 BPM. Avg. Wellhead Rate:37.9 BPM. Avg. Slurry Rate: 17.6 BPM. Avg. CO2 Rate: 18.3 BPM. Avg. Pressure:6081 PSI. Max. Wellhead Rate: 39.5 BPM. Max. Slurry Rate: 19.9 BPM. Max. CO2 Rate: 24.9 BPM. Max. Pressure:6.936 PSI. Total Fluid Pumped; 38,748 Gal. Total Sand in Formation: 164, 900 lb.(20/40 White) Linde CO2 Downhole; 194 tons. CO2 Cooldown: 6 tons. ISIP:3,688 PSI. Frac Gradient: 1.02 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. (Lost slurry pump at start of sand stage. pumped job under design rate. - 1, Cutter ÉL stage 7 North Horn. PU HES CFP with 10 ft. perf gun. RIH correlate to short jt. run to setting depth set CFP @ 6130 tt. PU.Pressure up casing. Perforate @ 6038-6042, 5918-5920 & 5880-5884, 3 SPF, 120 phasing, 23 gram charge. .,350 holes. POOH turn well over to frac. - 1.2, HES frac stage 7 North Horn 60Q foam frac. Load & Break @ 3685 PSI @ 16.2 BPM. Avg. Wellhead Rate:24.5 BPM. Avg. Slurry Rate: 11.6 BPM. Avg. CO2 Rate: 11,.5 BPM. Avg. Pressure: 4,386 PSI. Max. Wellhead Rate: 26.6 BPM. Max. Slurry Rate: 14.1 BPM. Max. CO2 Rate: 15.5 BPM. Max. Pressure: 4,597 PSI. Total Fluid Pumped: 22,375 gal Total Sand in Formation: 87,900 lb.(20/40 White) Linde CO2 Downhole: 103 tons. CO2 Cooldown: 4 tons. ISIP:3,535 PSI. Frac Gradient: 1.03 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. No problems with frac - 1, Cutters EL stage 8 North Horn. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5840 ft. PU.Pressure up casing, Perforate @ 5779-5789, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1.2, HES frac stage 8 North horn 60Q foam frac. Load & Break @ 4165 PSI @ 13.5 BPM. Avg. Wellhead Rate: 21.4 BPM. Avg. Slurry Rate: 10.3 BPM. Avg. CO2 Rate: 9.9 BPM. Avg. Pressure: 4792 PSI. Max. Wellhead Rate: 22.9 BPM. Avg. Slurry Rate: 12.3 BPM. Avg. CO2 Rate: 15.4 BPM. Avg. Pressure: 5,083 PSI. Total Fluid Pumped: 14,060 Gal. Total Sand in Formation: 48,000lb.(20/40 White) Praxair CO2 Downhole: 60 tons. CO2 Cooldown: 4tons. ISIP:3,316 PSI. Frac Gradient: 1.01psi/ft.Praxair had problems holding design pump rate. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 9 Middle Wasatch. PU HES CFP with 10 ft. perf guns. RIH correlate to casing collars. Run to setting depth set CFP @5230 ft. PU Preforate @ 5163-5165, 4925-4931 & 4855-4857, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1.2, HES frac stage 9 Middle Wasatch 60Q foam frac. Load & Break @ 3120PSI @ 14.7 BPM. Avg. Wellhead Rate: 24.4 BPM. Avg. Slurry Rate: 11.9 BPM. Avg. CO2 Rate: 11.1 BPM. Avg. Pressure: 4001 PSI. Max. Wellhead Rate: 30.9 BPM. Max. Slurry Rate: 14 BPM. Max. CO2 Rate: 20.8 BPM. Max. Pressure: 4,416 PSI. Total Fluid Pumped; 16,135 Gal. Total Sand in Formation: 59,220 lb. (20/40 White) ran 100 extra sacks in 4 ppg to clean out Mtn. mover. Praxair CO2 Downhole: 72 tons. CO2 Cooldown: 4 tons. ISIP:2,590 PSI. Frac Gradient: 0.96 psi/ft. Successfully flushed wellbore with 10 bbl over flush with 500 gal fluid cap. Praxair couldnt hold design pump rate, jumping 1 to 3 bbl. - 1, SI. Rig down HES frac Cutters Wire Line. CO2 boosters. Release. - 2, Cathedral flow back stages 1-9 to open top tanks and test equipment. Total fluid to recover 4911 bbl. - 6.15



Prickly Pear Fed. #9-22D-12-15 1/27/2011 06:00 - 1/28/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Flow back stages 1-9 through flow back equipment. FCP: 890 0n 48 ck. recovered 584 bbl in 12 hours avg. of 48.66 BPH. CO2: over 40%. H2S: .25 ppm. gas and CO2 rate of 4557 mmcfd. total fluid left to recover 4327 bbl. - 6, Flow back stages 1-9 - 18

Prickly Pear Fed. #9-22D-12-15 1/29/2011 06:00 - 1/30/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

FLOWING TO SALES - 15, RIG UP CTS COIL TBG W QUALITY TOOLS - 1, TEST LUB TO 3500 PSI.

RIH W/ FOLLOWING

5 BLADE MILL 3.75" X 1.25" X .90

MUD MOTOR 2.875" X 12.76'

CIRCULATING SUB 2.875 X 1.34'

DISCONNECT 2.875" X .50" X 3.12'

BI-DIRECTIONAL JAR 2.875" X 1" X 4.53

COIL TBG CONNECTOR 2.87" X 2" X .76'

PUMP .50 BPM & 300 SCF - 1, INCREASE FLUID TO 1.75 BPM & 700 SCFM.

TAG PLUG #1 @ 5230'. DRILL OUT IN 7 MIN. PUMP 10 BBL SWIPE. 550# CP

TAG PLUG #2 @ 5840', DRILL PLUG IN 10 MIN, PUMP 10 BBL SWEEP. 525# CP

TAG PLUG #3 @ 6130', DRILL PLUG IN 16 MIN, PUMP 10 BBL SWEEP. 375# CP

TAG PLUG #4 @ 6470', DRILL PLUG IN 15 MIN, PUMP 10 BBL SWEEP. 375# CP

TAG PLUG #5 @ 6870', DRILL PLUG IN 9 MIN, PUMP 10 BBL SWEEP. 275# CP

TAG PLUG #6 @ 7120', DRILL PLUG IN 22 MIN, PUMP 10 BBL SWEEP. 300# CP

TAG PLUG #7 @ 7290', DRILL PLUG IN 21 MIN, PUMP 10 BBL SWEEP. 375# CP

TAG PLUG #8 @ 7500', DRILL PLUG IN 26 MIN, PUMP 10 BBL SWEEP. 400# CP TAG PBTD @ 7755', PUMP 30 BBL SWIPES WORKING UP TO BPTTOM PERF @ 7616'

POOH JETTING @ 1BBL & 1000 SCF / MIN - 5, TURN TO FLARE ON 32/64 CHOKE - 1, TURN TO SALES ON 22/64 CHOKE @ 3.50 MMCF @ 07:10 - 1

Prickly Pear Fed. #9-22D-12-15 1/30/2011 06:00 - 1/31/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

RNI bottomed open top tanks to sand. Bottom, and batch frac fluid tanks; and fill 2 tanks for completion rig operation.

Meeting with Nabors about completion rig set-up; with mud boat for cellar.

Well is flowing to sales, with Cathedral Testing monitoring BBC equipment. - 24

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SUNDE  Do not use this form for proposition—hole depth, reenter plu DRILL form for such proposals.  1. TYPE OF WELL Gas Well  2. NAME OF OPERATOR: BILL BARRETT CORP  3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D  4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL	CES NING  S ON WELLS  In existing wells below current Use APPLICATION FOR PERMIT TO  ONE NUMBER: 812-8164 Ext	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604  6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR  8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15  9. API NUMBER: 43007500410000  9. FIELD and POOL OF WILDCAT: NINE MILE CANYON  COUNTY: CARBON  STATE:				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	Township: 12.0S Range: 15.0E Meridian:	: S	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	□ CHANGE TO PREVIOUS PLANS     □ CHANGE WELL STATUS     □ DEEPEN     □ OPERATOR CHANGE     □ PRODUCTION START OR RESUME     □ REPERFORATE CURRENT FORMATION     □ TUBING REPAIR     □ WATER SHUTOFF     □ WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all perbuary Monthly Activity Report	t attached. A U Oil	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Tolumes, etc.  ACCEPTED by the Jtah Division of J, Gas and Mining R RECORD ONLY			
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst				
SIGNATURE N/A		DATE 3/2/2011				



#### Prickly Pear Fed. #9-22D-12-15 2/1/2011 06:00 - 2/2/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Well is flowing to production with Cathedral monitoring equiopment. Getting location set-up for completion rig, after production logs are run. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/2/2011 06:00 - 2/3/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Well is flowing to production with Cathedral monitoring BBC equiopment. Completion rig mat was hauled to location. Running production logs on pad. - 24

### Prickly Pear Fed. #9-22D-12-15 2/3/2011 06:00 - 2/4/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (fftKB) Primary Job Type
4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Well is flowing to production with Cathedral monitoring BBC equiopment. Running production logs on pad. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/4/2011 06:00 - 2/5/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Flowing to sales. Crew travel to location. Service equipment. - 0.5, ND frac "Y", and NU adapter flange. PU lubricator, and 3.625" o.d. GR/JB tool string. Equalize. Could not get down swab valve. Lacking 1 turn. RU wellhead heater, on frac tree. Thaw out valve. Change out GR to 2.75" o.d. Equalize. - 1.5, RIH @ 250'/minute with 2.75" o.d. Gauge Ring/Junk Basket to 7734'. Tag PBTD. POOH. - 1, LD GR/JB tool string. Nothing was in junk basket. Make-up Protechnic tool string. - 0.25, RIH with Protechnics Completion Profiler tool string @ 250'/minute, to 4550'. Made 3 complete cycles from 4550' to 7715'. 60'/minute, 120'/minute, and 150'/minute. POOH @ 250'/minute. No issues. Cathedral kept record of flow rates. - 4, LD tool string. Download data, and received good information. LD lubricator, and ND adapter flange. NU night cap. RD W/L equipment; package, and move off location. - 2.25, Well is flowing to sales. - 14.5

#### Prickly Pear Fed. #9-22D-12-15 2/5/2011 06:00 - 2/6/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

WSI @ 07:00. RD hardline, and move BBC sand traps. Level out location around cellar. SI, and RU rig mat over cellar, on 2-27D-12-15. RU hardline from all wells. Put all well to sales, @ 15:00. Cathedral is monitoring BBC equipment. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/6/2011 06:00 - 2/7/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Flowing to sales. RIH with production string on 2-27D-12-15. Cathedral monitoring BBC equipment. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/7/2011 06:00 - 2/8/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Flowing to sales. Finished up with production string on #2-27D-12-15. Completion rig rigged down, and put to sales. Moved rig mat to #16-22-12-15, and spotted rig. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/8/2011 06:00 - 2/9/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Flowing to sales. RIH with production string on #16-22D-12-15. Cost up-date with Mountain West Oilfield invoices. Cathedral is monitoring BBC equipment. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/9/2011 06:00 - 2/10/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Flowing to sales. Finished with production string on #16-22D-12-15. Cathedral is monitoring BBC equipment. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/10/2011 06:00 - 2/11/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 UT CARBON West Tavaputs Concept 7,816.7 Drilling & Completion

Time Log Summary

Flowing to sales. Finished with production string on #16-22D-12-15. Cathedral is monitoring BBC equipment. - 24

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#### Prickly Pear Fed. #9-22D-12-15 2/11/2011 06:00 - 2/12/2011 06:00

Total Depth (ftKB) Primary Job Type Field Name Well Status State/Province County UT **CARBON** 4300750041 West Tavaputs Concept 7,816.7 **Drilling & Completion** 

Time Log Summary

Flowing to sales. Finished with production string on #16-22D-12-15. Cathedral is monitoring BBC equipment. - 24

#### Prickly Pear Fed. #9-22D-12-15 2/12/2011 06:00 - 2/13/2011 06:00

API/UWI State/Province Field Name Well Status Total Depth (ftKB) Primary Job Type County **CARBON** 4300750041 West Tavaputs Concept 7,816.7 **Drilling & Completion** 

Time Log Summary

Safety meeting - 0.5, Move bridge beam RI Basic workover uint - 3, RU Black Warriror wireline uint MU 3.75 JB/ GR RIH to 7737' POOH, MU Nabors 4.5" BP RIH set @4805' pump 15 bbls on BP. RDMO - 2.5, ND frac tree NU BOP's - 2, MU Nabors retreiving head w/ POBS, 1 jt. tbg, XN-nipple RIH 111 jt.s SDFN - 3, Well secure - 13

### Prickly Pear Fed. #9-22D-12-15 2/13/2011 06:00 - 2/14/2011 06:00

State/Province Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750041 CARBON UT West Tavaputs Concept **Drilling & Completion** 7,816.7

Time Log Summary

Safety meeting - 0.5, Continue to run in hole tag on BP @ 4805' release continue to RIH to landing depth - 3, Land Tubing as Follows

17.00' Cameron Inc.

Landed @ GL (KB) 213 Jts 2-3/8" 4.7# N-80 6740.69'

1 XN - Nipple 1.87" ID .87' 6757.69' X N- Nipple

1 Jt 2-3/8" 4.7# N-80 31.67

1 Weatherford Pump Off Sub .96'

6791.19' - EOT

Junk in Hole @ 7737'

Weatherford Pump Off Bit Sub & Bit Nabors wire BP and retreiving head - 1.5, RU Fat Dog foam uint pump off Nabors bridge plug blow well around. plug pump off @ 1200 psi, bleed back to open top until gas to surf. - 1, RDMO Basic workover and Cathedral flow back unit turn wells on pad over to Productions. - 1, Well flowing to sales thur Barrett prod. facilities. - 17

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# UNITED STATES

FORM APPROVED

(August 2007)	)			DEPARTMENT OF THE INTERIOR  FUREAU OF LAND MANAGEMENT  Expires: July 31, 2010														
	WELL (	COMPI	LETION C	R RE	CO	MPLET	ION F	REPOR	Т	AND L	OG				ease Serial ITU11604	No.		
Ia. Type o		Oil Wel	_		O E	-	Other							6. If	Indian, All	ottee o	r Tribe Name	
b. Type o	of Completion	Quh	Vew Well er	Well Work Over Deepen Plug Back Diff. Resv							SVr.	7. ປູ	nit or CA A	greem	ent Name and No.			
2. Name of Operator Contact: BRADY RILEY BILL BARRETT CORPORATION E-Mail: briley@billbarrettcorp.com  8. Lease Name and Well No. PRICKLY PEAR UNIT FEDERAL 9-22D-12										D-12-15								
3. Address 1099 18TH STREET SUITE 2300 3a. Phonc No. (include area code) DENVER, CO 80202 Ph: 303-312-8115									9. A	PI Well No	•	43-007-50041						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  Sec 22 T12S R15E Mer UTE  10. Field and Pool, or Expl PRICKLY PEAR																		
At surfa At top p	prod interval :	reported b	elow NES	SE 2019		5E Mer L 707FEL	TE							0	r Area Se	c 22 T	Block and Survey 12S R15E Mer UTE	
	depth NE	SE 2004	S R15E Mer FSL 725FEI	L											County or P ARBON	arish	13. State UT	
14. Date S 09/27/2	pudded 2010			ate T.D. 907/20		hed			Št.	Completed A R 3/2011	d Ready to	Pr	od.	17. 1	Elevations ( 73	DF, K 11 GL	B, RT, GL)*	
18. Total [	Depth:	MD TVD	7816 7474		19. 1	Plug Back	T.D.:	MD TVD		775 741		I	20. Dep	th Bri	dge Plug Se		MD TVD	
21. Type E	lectric & Oth	ner Mecha PLE COI	mical Logs R MBO, NEUT	un (Sub RON E	mit co ENSI	ppy <b>of eacl</b> TY	b)				Wa	ıs D	ell cored ST ren? ional Sur		No No No	Ye Ye Ye	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
23. Casing a	nd Liner Rec	ord (Rep	ort all strings	T			<u> </u>		_			_						
Hole Size	Size/G	rade	Wt. (#/ft.)	To (Mi		Bottom (MD)	Stag	e Cemente Depth	=	No. of Type of	Sks. & Cemen				Cement:	Гор*	Amount Pulled	
26,000	1	0 COND		ļ	0		40	4	~			0		0		0		
<u>12.250</u>	<del>-</del>	625 J-55 00 P-110		1	0	103 781		103: 780	7			70 60		60 196		320	15000	
			1110					100	Ï			30		120		<i>02.0</i>	15000	
				<u> </u>			-		4			_						
24. Tubing	Record		<u> </u>	<u> </u>								_			L			
Size	Depth Set (N		acker Depth	(MD)	Siz	e De	pth Set	(MD)	Pa	acker Dept	ь (MD)	1	Size	De	pth Set (M	D)	Packer Depth (MD)	
2.375 25. Produci	ing Intervals	6791			L		6. Perfe	oration Rec	coı	rd				<u> </u>				
	ormation		Тер		Bot	tom		Perforate				Г	Size	1	No. Holes		Perf. Status	
A)	WAS			4855		7211				4855 TC			0.35	_		OPE		
B) C)	MESAVE	RDE		7387		7617				7387 TC	7617		0.35	50	30	OPE	N	
D)												_		+		<b>_</b>		
	racture, Treat		ment Squeeze	e, Etc.														
	Depth Interva		211 WASAT	CH: SE	F ATT	ACHED - S	STAGES		Åп	nount and	Type of	Mε	terial		<del></del>			
		187 TO 7				TTACHED												
	-																	
28. Product	ion - Interval	A												-				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Jas VCF	Water BBL	Oil Corr			Gas Grav		T	Producti	on Method			
01/28/2011	01/30/2011	24		0.0		MCF BBL Corr. APT Gravity 4582.0 365.0 Gravity						FLOV	VS FRO	OM WELL				
Choke Size 29/64	Tbg Press. Flwg. SI	Csg Press. <b>908.0</b>	24 Hr. Rate	BBT Ou		Бая ИСР <b>4582</b>	Water BBJ. 36	Gas: Ratio		1	Wel	l Star	ius SW					
	ction - Interva	d B					1								······································			
Date First Produced	Test Date	Hours Tested	Test Production	BBI Oil		ias ACF	Water BBL	Corr			Gas Grav			Preducti	on Method	REC	CEIVED	
Choke Size	The Press. Flwg SI	Csg Press	24 Hr Rate	Oil BBL		ias ICF	Water BBL				luis	MAR 0 2 2011						

28h Prod	luction - Interv	- C												
Date First	Test	Fiours	Test	Oil	Gas	Water	Oil Gravity	Git		Production Method				
Produced	Date	Tessed	Production	BBL	MCF	BBL.	Corr API	Gn	avily					
Choke Seze	Tbg Press. Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas-Oil Ratio	We	ell Status	Abus				
28c. Prod	luction - Interv	al D			<u> </u>							·		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gra	s avdy	Production Method y				
Choke Size	Tbg. Presa. Flwg Sl	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Wates BBL	Gas: Oil Ratio	We	ell Status	Status				
29. Dispo	sition of Gas/	Sold, used	for fuel, vent	ed, etc.)		<del>-</del> .L			-					
30. Sumn Show tests,	nary of Porous	zones of p	orosity and co	ontents there	of: Cored tool oper	intervals an a, flowing ar	d all drill-stem Id shut-in pressur	es	31. For	mation (Log) Mark	ETS			
	Formation		Тор	Bottom		Descript	ions, Contents, et	C.		Name		Top Meas, Depth		
7-7/8 1st sa Perf a	ional remarks * hole started ales was on 1 and Frac stag will be malled	at 6644'. /22/2011 es are at	lached with	details.	78.				NO DA	ASATCH IRTH HORN RK CANYON LICE RIVER		3095 5249 6955 7213 7816		
I. Ele	enclosed attac ectrical/Mecha ndry Notice fo	nical Logs	•			Geologi     Core Ar	-		3. DST Rej 7 Other:	port /	4. Direction	al Survey		
34. I here	by certify that	the forego								records (see attache	d instruction	ns):		
			Electr	onic Submi For B1	ssion #10: LL BARF	3516 Verifie RETT COR	ed by the BLM V PORATION, se	Vell Infor nt to the	mation Sy: Price	stem.				
Name	(please print)	BRADY I	RILEY	<del>- (</del>	<del>-</del>		Title <u>F</u>	PERMIT /	ANALYST					
Signal	ture	(Hed Cron	id Subprissio		$\leq i$	4	Date C	3/02/201	11					
Title 18 U	J.S.C. Section	1001 <b>and</b> 1	ritle 43 v.S.C	C. Section 12	212, make	it a crime fo	or any person kno	wingly an	d willfully	to make to any depa	riment or as	ency		
of the Uni	ited States any	false, fieti	tious or fradu	ilent stateme	ents or rep	resentations	as to any matter	within its j	jurisdiction	,				

## Prickly Pear UF 9-22D-12-15 Report Continued\*

44. ACID, FI	4. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)								
	AMOUNT AND TYPE OF MATERIAL								
Stage Bbls Slurry 20/40 Gals White Sand									
1	403	56500							
2	608	80500							
3	502	89700							
4	897	166100							
5	820	124200							
6	1100	164900							
7	627	87900							
8	387	48000							
9	459	59220							

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.



# Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear UF 3-22 Pad
Prickly Pear UF 9-22D-12-15

Wellbore #1

Survey: Surveys

# **Standard Survey Report**

08 December, 2010

**RECEIVED** 

MAR 0 2 2011

DIV. OF OIL, GAS & MINING



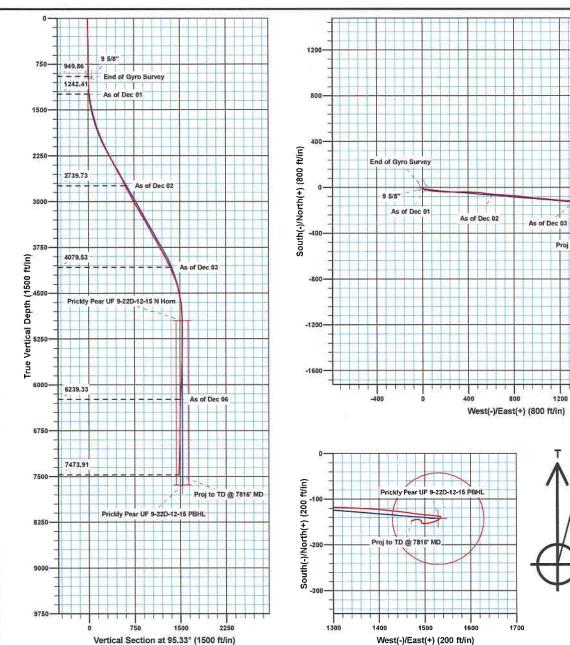
#### WELL DETAILS: Prickly Pear UF 9-22D-12-15

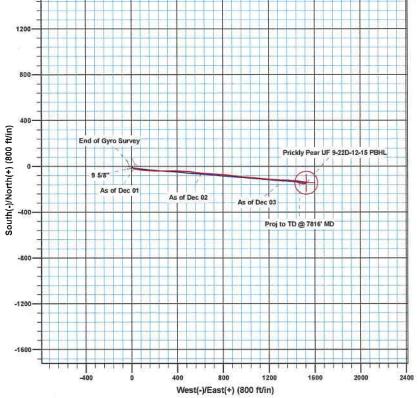
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7312.00

+E/-W Northing Easting Latittude Longitude 0.00 521412.34 2359627.78 39° 45' 28,21 N







Azimuths to True North Magnetic North: 11.40°

Magnetic Field Strength: 52181.6snT Dip Angle: 65.56° Date: 09/29/2010 Model: IGRF200510

#### **ANNOTATIONS**

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
1242.41	1243.00	6.50	111,50	-17.05	22.66	24.15	13.89	As of Dec 01
2739.73	2865.00	26.70	94.60	-58.02	611.43	614,18	605.48	As of Dec 02
4079.53	4391.00	25.50	92.20	-118.88	1338,42	1343,68	1335,17	As of Dec 03
6239.33	6581.00	3.20	268.00	-153.35	1496.38	1504.15	1576.95	As of Dec 06
7473.91	7816.00	2.10	249.50	-147.50	1471.01	1478.35	1608.99	Proj to TD @ 7816' MD





#### Sharewell

Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27] Prickly Pear UF 3-22 Pad

Site: Well:

Prickly Pear UF 9-22D-12-15

Wellbore: Design:

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: **Survey Calculation Method:** 

Database:

Well Prickly Pear UF 9-22D-12-15

KB @ 7328.00ft

KB @ 7328.00ft

True

Minimum Curvature Compass VM

Project

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

Geo Datum:

NAD 1927 (NADCON CONUS)

Map Zone:

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

From:

Well

Prickly Pear UF 3-22 Pad

Site Position:

Lat/Long

Northing:

521,412.41 usft

Latitude: Longitude:

39° 45' 28.21 N

**Position Uncertainty:** 

Easting: Slot Radius: 2,359,627.90 usft 1.10 ft

Grid Convergence:

110° 13' 14.63 W 0.82 °

Prickly Pear UF 9-22D-12-15

**Well Position** 

+N/-S +E/-W 0.00 ft 0.00 ft

0.00 ft

Northing: Easting:

521,412.35 usft 2,359,627.78 usft Latitude: Longitude: 39° 45' 28.21 N

110° 13' 14.63 W

**Position Uncertainty** 

0.00 ft

Wellhead Elevation:

ft

**Ground Level:** 

7,312.00 ft

Wellbore

Wellbore #1

Magnetics

**Model Name** 

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

95.33

(nT)

IGRF200510

09/29/10

0.00

11.41

65.56

52,182

Design

Wellbore #1

Audit Notes:

Version:

1.0

Phase:

**ACTUAL** 

Tie On Depth:

0.00

0.00

**Vertical Section:** 

Depth From (TVD) (ft)

+N/-S (ft)

0.00

+E/-W (ft)

Direction

(°)

Survey Program From

To (ft)

Date 12/08/10 Survey (Wellbore)

**Tool Name** 

Description

100.00 1.053.00

950.00 Gyro Survey (Wellbore #1) 7,816.00 Surveys (Wellbore #1)

MIMD MWD MWD - Standard MWD - Standard

Survey

Measured			Vertical			Vertical	Dogleg	Build	Turn	
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)	
950.00	0.69	160.77	949.86	-9.75	11.75	12.61	0.00	0.00	0.00	
1,000.00	1.08	159.58	999.86	-10.48	12.02	12.94	0.79	0.79	-2.38	
9 5/8"										
1,053.00	1.50	159.00	1,052.84	-11,60	12.44	13.46	0.79	0.79	-1.09	
1,148.00	3.20	115.90	1,147.77	-13.92	15.27	16.50	2.46	1.79	-45.37	
1,243.00	6.50	111.50	1,242.41	-17.05	22.66	24.15	3.49	3.47	-4.63	
1,339.00	9.10	106.90	1,337.52	-21.25	34.98	36.80	2.78	2.71	-4.79	
1,434.00	11.10	98.50	1,431.05	-24.78	51.22	53.30	2.61	2.11	-8.84	
1,529.00	13.00	98.30	1,523.95	-27.68	70.84	73.10	2.00	2.00	-0.21	
1 625 00	14.80	95.90	1 617 13	-30.50	93.72	96 15	1 97	1.88	-2 50	



Sharewell

Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear UF 3-22 Pad

Well: Wellbore: Design:

Wellbore #1

Prickly Pear UF 9-22D-12-15 Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 9-22D-12-15

KB @ 7328.00ft

KB @ 7328.00ft

True

Minimum Curvature

Compass VM

Survey
Juivey

Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
1,721.00	17.40	93.70	1,709.36	-32.68	120.24	122.76	2.78	2.71	-2.29
1,816.00	19.20	94.20	1,799.55	-34.74	150.00	152.58	1.90	1.89	0.53
1,911.00	21.00	93.10	1,888.76	-36.81	182.58	185.21	1.94	1.89	-1.16
2,007.00	22.90	91.00	1,977.80	-38.07	218.44	221.03	2.14	1.98	-2.19
2,102.00	25.80	89.20	2,064.34	-38.10	257.60	260.02	3.15	3.05	-1.89
2,197.00	26.90	90.30	2,149.47	-37.92	299.76	301.99	1.27	1.16	1.16
2,292.00	27.70	90.70	2,233.89	-38.31	343.33	345.40	0.86	0.84	0.42
2,390.00	27.70	90.10	2,320.66	-38.62	388.88	390.79	0.28	0.00	-0.61
2,484.00	27.20	94.00	2,404.08	- <del>4</del> 0.16	432.17	434.03	1.98	-0.53	4.15
2,579.00	28.00	93.50	2,488.27	-43.04	476.08	478.02	0.88	0.84	-0.53
2,674.00	29.40	97.00	2,571.60	-47.24	521.49	523.63	2.30	1.47	3.68
2,769.00	28.60	97.80	2,654.69	-53.17	567.16	569.65	0.94	-0.84	0.84
2,865.00	26.70	94.60	2,739.73	-58.02	611.43	614.18	2.51	-1.98	-3.33
2,961.00	26.60	94.90	2,825.53	-61.58	654.34	657.24	0.17	-0.10	0.31
3,056.00	27.90	93.40	2,909.99	-64.72	697.73	700.72	1.55	1.37	-1.58
3,152.00	29.30	92.90	2,994.27	-67.24	743.61	746.64	1.48	1.46	-0.52
3,247.00	30.10	95.30	3,076.79	-70.61	790.55	793.69	1.51	0.84	2.53
3,342.00	29.20	95.50	3,159.35	-75.04	837.34	840.68	0.95	-0.95	0.21
3,438.00	30.20	96.80	3,242.74	-80.14	884.62	888.24	1.24	1.04	1.35
3,533.00	30.00	96.60	3,324.93	-85.70	931.94	935.87	0.24	-0.21	-0.21
3,629.00	28.50	95.20	3,408.69	-90.53	978.59	982.77	1.72	-1.56	-1.46
3,723.00	29.20	95.50	3,491.02	-94.76	1,023.75	1,028.13	0.76	0.74	0.32
3,819.00	28.30	95.30	3,575.19	-99.11	1,069.72	1,074.30	0.94	-0.94	-0.21
3,914.00	29.50	95.40	3,658.36	-103.39	1,115.43	1,120.21	1.26	1.26	0.11
4,009.00	29.40	95.10	3,741.08	-107.67	1,161.94	1,166.92	0.19	-0.11	-0.32
4,105.00	29.30	93.90	3,824.76	-111.36	1,208.85	1,213.97	0.62	-0.10	-1.25
4,200.00	27.80	94.40	3,908.20	-114.64	1,254.13	1,259.36	1.60	-1.58	0.53
4,296.00	25.80	92.40	3,993.89	-117.23	1,297.33	1,302.61	2.29	-2.08	-2.08
4,391.00	25.50	92.20	4,079.53	-117.23	1,338.42	1,343.68	0.33	-2.00	-2.06
4,486.00	22.60	93.40	4,166.27	-110.00	1,377.09	1,343.00	3.10	-0.32 -3.05	1.26
4,582.00	21.10	95.70	4,255.38	-123.56	1,412.70	1,418.07	1.80	-3.03 -1.56	2.40
4,677.00	17.60	96.20	4,345.00	-126.81	1,444.00	1,449.54	3.69	-3.68	0.53
4,773.00	13.20	98.70	4,437.53	-130.04	1,469.28	1,475.00	4.63	-4.58	2.60
4,866.00	11.00	97.60	4,528.45	-132.82	1,488.57	1,494.47	2.38	-2.37	-1.18
						1,511.30			
4,962.00 5,057.00	9.20 7.20	94.40° 95.30	4,622.96 4,716.99	-134.62 -135.75	1,505.30		1.96	-1.88	-3.33
5,057.00	7.20	95.30	4,7 10.99	-135.75	1,518.80	1,524.85	2.11	-2.11	0.95
5,152.00	4.40	98.00	4,811.49	-136.81	1,528.34	1,534.44	2.96	-2.95	2.84
5,247.00	1.70	98.20	4,906.35	-137.52	1,533.35	1,539.49	2.84	-2.84	0.21
5,342.00	0.40	131.50	5,001.33	-137.94	1,534.99	1,541.16	1.46	-1.37	35.05
5,438.00	0.20	190.30	5,097.33	-138.32	1,535.21	1,541.42	0.36	-0.21	61.25
5,533.00	0.50	202.10	5,192.33	-138.87	1,535.02	1,541.29	0.32	0.32	12.42
5,628.00	1.00	208.00	5,287.32	-139.99	1,534.48	1,540.85	0.53	0.53	6.21
5,723.00	1.40	212.60	5,382.30	-141.70	1,533.46	1,540.00	0.43	0.42	4.84



#### **Sharewell**

Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear UF 3-22 Pad Prickly Pear UF 9-22D-12-15

Well: Wellbore:

Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 9-22D-12-15

KB @ 7328.00ft

KB @ 7328.00ft

True

Minimum Curvature

Compass VM

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,817.00	1.70	228.90	5,476.27	-143.58	1,531.79	1,538.51	0.56	0.32	17.34
5,912.00	2.50	240.80	5,571.20	-145.52	1,528.92	1,535.83	0.95	0.84	12.53
6,007.00	2.50	249.90	5,666.11	-147.24	1,525.17	1,532.25	0.42	0.00	9.58
6,103.00	2.40	245.90	5,762.02	-148.78	1,521.37	1,528.61	0.21	-0.10	-4.17
6,198.00	2.60	258.90	5,856.93	-150.01	1,517.44	1,524.81	0.63	0.21	13.68
6,294.00	3.10	257.80	5,952.81	-150.98	1,512.76	1,520.25	0.52	0.52	-1.15
6,390.00	3.30	257.30	6,048.66	-152.13	1,507.53	1,515.15	0.21	0.21	-0.52
6,486.00	3.50	264.90	6,144.50	-153.00	1,501.92	1,509.64	0.51	0.21	7.92
6,581.00	3.20	268.00	6,239.33	-153.35	1,496.38	1,504.15	0.37	-0.32	3.26
6,677.00	1.30	350.30	6,335.27	-152.37	1,493.52	1,501.21	3.43	-1.98	85.73
6,772.00	1.00	347.30	6,430.25	-150.50	1,493.15	1,500.68	0.32	-0.32	-3.16
6,868.00	1.20	338.00	6,526.24	-148.75	1,492.59	1,499.96	0.28	0.21	-9.69
6,963.00	1.00	320.30	6,621.22	-147.19	1,491.69	1,498.91	0.41	-0.21	-18.63
7,059.00	1.10	327.60	6,717.20	-145.77	1,490.66	1,497.76	0.17	0.10	7.60
7,154.00	1.30	289.40	6,812.18	-144.64	1,489.16	1,496.15	0.85	0.21	-40.21
7,249.00	1.40	271.70	6,907.16	-144.25	1,486.98	1,493.95	0.45	0.11	-18.63
7,344.00	1.60	275.60	7,002.12	-144.08	1,484.50	1,491.47	0.24	0.21	4.11
7,440.00	1.40	276.10	7,098.09	-143.83	1,482.00	1,488.95	0.21	-0.21	0.52
7,535.00	1.70	246.10	7,193.06	-144.28	1,479.56	1,486.56	0.90	0.32	-31.58
7,630.00	1.60	250.70	7,288.02	-145.28	1,477.02	1,484.13	0.17	-0.11	4.84
7,725.00	2.10	249.50	7,382.97	-146.33	1,474.14	1,481.36	0.53	0.53	-1.26
7,816.00	2.10	249.50	7,473.91	-147.50	1,471.01	1,478.35	0.00	0.00	0.00

Casing Points				 		
Measure Depth (ft)	Depth (ft)		Name	Casing Diameter (ft)	Hole Diameter (ft)	
1,00	).00 999.86	9 5/8"		0.80	1.02	-

vey Annotations						
Measured	Vertical	Local Coor	dinates			
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment		
1,243.00	1,242.41	-17.05	22.66	As of Dec 01		
2,865.00	2,739.73	-58.02	611.43	As of Dec 02		
4,391.00	4,079.53	-118.88	1,338.42	As of Dec 03		
6,581.00	6,239.33	-153.35	1,496.38	As of Dec 06		
7,816.00	7,473.91	-147.50	1,471.01	Proj to TD @ 7816' MD		

Checked By:	Approved By:	Date:	

Sundry Number: 20829 API Well Number: 43007500410000

	STATE OF UTAH		FORM 9		
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604		
SUNDF	RY NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15		
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43007500410000				
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D	9. FIELD and POOL or WILDCAT: NINE MILE CANYON				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL			COUNTY: CARBON		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSE Section: 22	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
BBC is submitting pit/trench open on t reoccupied in May of BBC to allow the pit of to changes in the day of 2011 to May of	□ ACIDIZE □ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION  MPLETED OPERATIONS. Clearly show all pothis sundry to request permische Prickly Pear SE 22 pad as 2012. The BLM previously apon this pad to remain open ulrill schedule, this pad was made 2012. The pit will remain fen 2. Please contact Brady Riley questions.	ssion to leave the cuttings this pad is scheduled to be oproved the request made ntil the end of 2011 but do oved back from Decembersed on all 4 sides un	NEW CONSTRUCTION   PLUG BACK   RECOMPLETE DIFFERENT FORMATION   TEMPORARY ABANDON   WATER DISPOSAL   APD EXTENSION OTHER:   Volumes, etc.		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	R TITLE Permit Analyst			
SIGNATURE N/A	303 312 0113	DATE 12/2/2011			

Sundry Number: 28218 API Well Number: 43007500410000

	STATE OF UTAH		FORM 9						
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-11604						
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR						
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 9-22D-12-15						
2. NAME OF OPERATOR: BILL BARRETT CORP		9. API NUMBER: 43007500410000							
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: NINE MILE CANYON						
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2152 FSL 2196 FEL			COUNTY: CARBON						
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 2	HP, RANGE, MERIDIAN: 22 Township: 12.0S Range: 15.0E Meridian:	S	STATE: UTAH						
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA									
TYPE OF SUBMISSION		TYPE OF ACTION							
	ACIDIZE	ALTER CASING	CASING REPAIR						
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME						
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE						
SUBSEQUENT REPORT Date of Work Completion: 7/31/2012	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION						
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK						
SPUD REPORT		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION						
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON						
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL						
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION						
	☐ WILDCAT WELL DETERMINATION ✓	OTHER	OTHER: pit closure						
	n the above referenced well located and the above referenced well pe	_	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 01, 2012						
NAME (PLEASE PRINT) Megan Finnegan	PHONE NUMBER 303 299-9949	TITLE Permit Analyst							
SIGNATURE N/A		<b>DATE</b> 7/31/2012							

## Division of Oil, Gas and Mining

## **OPERATOR CHANGE WORKSHEET (for state use only)**

ROU'	TING
C	DW

	X - Change of Operator (Well Sold)			Operator Name Change/Merger						
	The operator of the well(s) listed below has chan	ged, eff	ective:	1/1/2014						
FF	ROM: (Old Operator):			TO: ( New Operator):						
	165-Bill Barrett Corporation			N4040-EnerVest Operating, LLC						
•	99 18th Street, Suite 230			1001 Fannin Street, Suite 800						
	nver, CO 80202			Houston, TX 7		,,,,				
				, , ,	. 002					
Pho	one: 1 (303) 312-8134			Phone: 1 (713) 659-3500						
	CA No.			Unit:	Prickly Pear					
WE	ELL NAME	SEC T	WN RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL		
					NO		TYPE	STATUS		
See	Attached List				L	<u> </u>		1		
	PERATOR CHANGES DOCUMENT. ter date after each listed item is completed (R649-8-10) Sundry or legal documentation wa (R649-8-10) Sundry or legal documentation wa	s receiv	ed from the	-		1/7/2014 1/7/2014				
3.	The new company was checked on the <b>Departs</b>			•				1/28/2014		
4a.	Is the new operator registered in the State of U	Business Numb		8850806-0161		1/20/2014				
	(R649-9-2)Waste Management Plan has been re	on: ———	Not Yet		000000000000000000000000000000000000000	•				
	Inspections of LA PA state/fee well sites compl		Yes	-						
	Reports current for Production/Disposition & S	1/24/2014	•							
6.	Federal and Indian Lease Wells: The BL				: merger, na	me change.				
	or operator change for all wells listed on Federa				BLM		BIA	N/A		
7.	Federal and Indian Units:									
	The BLM or BIA has approved the successor	of unit	operator for	r wells listed on:		Not Yet				
8.	Federal and Indian Communization Ag		-			1100 1 00	•			
•	The BLM or BIA has approved the operator f		•	•		N/A				
9.	Underground Injection Control ("UIC"				orm 5 Tran		ity to			
٠.	Inject, for the enhanced/secondary recovery un	•		•			Yes			
DA	ATA ENTRY:	ii/projet	ot for the wa	ater disposar wer	n(s) nstea o		1 65	_		
1.	Changes entered in the Oil and Gas Database	on:		1/28/2014						
2.	Changes have been entered on the Monthly Op		Change Sp		•	1/28/2014				
3.	Bond information entered in RBDMS on:			1/28/2014						
4.	Fee/State wells attached to bond in RBDMS on	:		1/28/2014	•					
5.	Injection Projects to new operator in RBDMS of			1/28/2014						
6.	Receipt of Acceptance of Drilling Procedures for					1/7/2014				
	Surface Agreement Sundry from NEW operator	on Fee	Surface we	lls received on:		1/7/2014				
BC	OND VERIFICATION:									
1.	Federal well(s) covered by Bond Number:			RLB7886	•					
2.	Indian well(s) covered by Bond Number:			RLB7886						
3a.	(R649-3-1) The <b>NEW</b> operator of any state/fee			-		B008371				
3b.	The <b>FORMER</b> operator has requested a release	of liab	ility from th	neir bond on:	N/A					
Į,F	CASE INTEREST OWNER NOTIFIC	ATIO	N:							
	(R649-2-10) The <b>NEW</b> operator of the fee wells			and informed b	v a letter fro	om the Division				
	of their responsibility to notify all interest owner				1/28/2014	uic Divisioii				
	MMENTS:			-						

W/-11 N/	- C	THAT		Prickly Pear C		> 6' 1 x			XXX 11 (D)	TYY 11 C
Well Name	Sec		1	API Number	Entity	Mineral I	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-23D-12-15	_	120S	150E	4300731440		Federal		Federal	GW	APD
PPU FED 4-26D-12-15	/	120S	150E	4300731441		Federal		Federal	GW	APD
PPU FED 14-23D-12-15	_	120S	150E	4300731442		Federal		Federal	GW	APD
PPU FED 12-23D-12-15		120S	150E	4300731443		Federal		Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	-	120S	150E			Federal		Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15		120S	150E	4300750095		Federal		Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15		120S	150E	4300750096		Federal		Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15		120S	150E	4300750097		Federal		Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15	8	120S	150E	4300750124		Federal		Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	8	120S	150E	4300750125		Federal		Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	8	120S	150E	4300750126		Federal		Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	8	120S	150E	4300750127		Federal		Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15		120S	150E	4300750128		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15			150E	4300750129		Federal		Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15		120S	150E	4300750130		Federal		Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal		Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal		Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal		Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal		Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal		Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal		Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal		Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal		Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal		Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal		Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal		Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal		Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	7	120S	150E	4300750185		Federal		Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15				4300750186	i	Federal		Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15	7	120S	150E	4300750187		Federal		Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15			150E	4300750188		Federal		Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15			150E	4300750189		Federal		Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15			150E	4300750190		Federal		Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	-		150E	4300750191		Federal		Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14			140E	4300750205		Federal		Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14			140E	4300750206		Federal		Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14			140E	4300750207		Federal		Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14			140E	4300750208		Federal		Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14			140E	4300750209		Federal		Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15			140E	4300750210		Federal		Federal	GW	APD
PRICKLY PEAR UF 5-7D-12-15			140E	4300750211		Federal	<u>-</u>		GW	APD
PRICKLY PEAR UF 8A-12D-12-14			140E	4300750211		Federal			GW	APD
PRICKLY PEAR UF 5A-7D-12-15			140E	4300750212		Federal			GW	APD
PRICKLY PEAR UF 7-14D-12-15			150E	4300750213		Federal		Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15				4300750214		Federal		Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15				4300750217		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15			150E	4300750217		Federal		Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15			150E			Federal				APD
PRICKLY PEAR UF 10-14D-12-15				4300750219		Federal				
TRICKLI TEAR OF 10A-14D-12-13	14	1203	IOUE	4300/30220		reueral		Federal	GW	APD

Well Name	Coo TWN		API Number		Min and Lagar	Comfort I	W-11 T	337-11 C4-4
PRICKLY PEAR UF 15A-14D-12-15	14 120S	150E	4300750222	Entity	Mineral Lease Federal		Well Type GW	Well Status
PRICKLY PEAR UF 16-14D-12-15	14 120S	150E	4300750222		Federal	Federal	GW	APD APD
PRICKLY PEAR UF 16A-14D-12-15	14 120S	150E	4300750224		Federal	Federal	GW	+
PRICKLY PEAR UF 1A-18D-12-15	7 120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7 120S	150E	4300750226		Federal	Federal		APD
PRICKLY PEAR UF 9A-7D-12-15	7 120S	150E	4300730220			Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7 120S		4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	<del>                                     </del>	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	7 120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12 120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12 1208	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-12D-12-14  PRICKLY PEAR UF 12A-8D-12-15	12 120S	140E	4300750235		Federal	Federal	GW	APD
	8 120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12 120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8 120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8 120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8 120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8 120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8 120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8 120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8 120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	·	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15		150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	<del>                                     </del>	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15		150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	<del>                                     </del>	150E	4300750269	-	Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-8D-12-15		150E	4300750270		Federal	Federal	GW	APD
PRICKLY PEAR UF 8-8D-12-15		150E	4300750271		Federal	Federal	GW	APD
PRICKLY PEAR UF 1-8D-12-15	<del></del>	150E	4300750272		Federal	Federal	GW	APD
PRICKLY PEAR UF 8A-8D-12-15		150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15		150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15		150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15		150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15			4300750277		Federal	Federal		APD
PRICKLY PEAR UF 6A-9D-12-15			4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15		150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15		150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15		150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15		150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15		150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15		150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15		150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15		150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15		150E	4300750287		Federal		GW	APD
PRICKLY PEAR UF 13-10D-12-15		150E	4300750288		Federal		GW	APD
PRICKLY PEAR UF 15-10D-12-15		150E	4300750289		Federal		GW	APD
PRICKLY PEAR UF 16A-10D-12-15	<u> </u>	150E	4300750290		Federal		GW	APD
PRICKLY PEAR UF 9-10D-12-15		150E	4300750291		Federal		GW	APD
PRICKLY PEAR UF 14A-10D-12-15		150E	4300750292				GW	APD
PRICKLY PEAR UF 10-10D-12-15		150E	4300750293		Federal		GW	APD
PRICKLY PEAR UF 16-10D-12-15			4300750294				GW	APD
PRICKLY PEAR UF 13-11D-12-15			4300750295					APD
PRICKLY PEAR UF 13A-11D-12-15			4300750296					APD
PRICKLY PEAR UF 12-11D-12-15			4300750297			Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10 120S	150E	4300750298		Federal	Federal	GW	APD

PRICKLY PEAR UF 1-10-10-12-15	Well Name	Soc TWN		ADI Number		Minoral Lagra	Cumfa a a I a a a a	W-11 T	W-11 C4-4
PRICKLY PEAR UF 14-10-12-15			+					Well Type	Well Status
PRICKLY PEAR UF 3-10-12-15   10   1208   150E   430075002   Federal   Federal   GW   APD			-						
PRICKLY PEAR UF 4-150-12-15   10   1208   150E   4300750302   Federal   Federal   GW   APD						<del></del>	<del></del>	<del> </del>	
PRICKLY PEAR UF 4-15D-12-15   10   120S   150E   4300750302   Federal   Federal   GW   APD				<del></del>					
PRICKLY PEAR UF 4-10D-12-15   10  1208   150E   4300750304   Federal   Federal   GW   APD		<del></del>							<del> </del>
PRICKLY PEAR LIF 9A-17D-12-15   17   1208   150E   4300750307   Federal   Federal   GW   APD									
PRICKLY PEAR UF 9.A-170-12-15   17   120S   150E   4300750306   Federal   Federal   GW   APD							<del></del>		
PRICKLY PEAR UF 8.A-17D-12-15					!				<del> </del>
PRICKLY PEAR UF 16A-17D-12-15						+	<u> </u>	+	
PRICKLY PEAR UF 3-70-12-15					!	<del></del>		1	
PRICKLY PEAR UF 16.A-17D-12-15						-	<del></del>		
PRICKLY PEAR UF 6-7D-12-15 PRICKLY PEAR UF 8-7D-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 10			-	<del></del>				-	
PRICKLY PEAR UF 15A-17D-12-15						·	+		
PRICKLY PEAR UF A-7D-12-15			+			<del></del>	ļ	-	
PRICKLY PEAR UF 7A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF (SX-17D-12-15 PRICKLY PEAR UF 18A-17D-12-15 PRICKLY PEAR UF 19A-20D-12-15 PRICKLY PEAR U							<del></del>		
PRICKLY PEAR UF 8A-7D-12-15				<del></del>					<del></del>
PRICKLY PEAR UF 11A-17D-12-15									
PRICKLY PEAR UF 11A-17D-12-15			1						
PRICKLY PEAR UF 15B-17D-12-15								4	
PRICKLY PEAR UF 8A-20D-12-15   20   120S   150E   4300750319   Federal   Federal   GW   APD		-				1			
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PRICKLY PEAR UF 3-10D-12-15         9 120S         150E         4300750339         Federal         Federal         GW         APD           PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD <td></td> <td></td> <td></td> <td></td> <td></td> <td><del>-</del></td> <td></td> <td></td> <td></td>						<del>-</del>			
PRICKLY PEAR UF 4-10D-12-15         9 120S         150E         4300750340         Federal         Federal         GW         APD           PRICKLY PEAR UF 8-9D-12-15         9 120S         150E         4300750341         Federal         Federal         GW         APD           PRICKLY PEAR UF 8A-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24         120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13         120S         150E         4300750349         Federal         Federal			-						
PRICKLY PEAR UF 8-9D-12-15         9 120S 150E 4300750341         Federal Federal Federal GW APD           PRICKLY PEAR UF 8A-9D-12-15         9 120S 150E 4300750342         Federal Federal GW APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S 150E 4300750343         Federal Federal GW APD           PRICKLY PEAR UF 7-9D-12-15         9 120S 150E 4300750344         Federal Federal GW APD           PRICKLY PEAR UF 1-9D-12-15         9 120S 150E 4300750345         Federal Federal GW APD           PRICKLY PEAR UF 2-9D-12-15         9 120S 150E 4300750346         Federal Federal GW APD           PRICKLY PEAR UF 1-24D-12-1         24 120S 150E 4300750348         Federal Federal GW APD           PRICKLY PEAR UF 9-13D-12-15         13 120S 150E 4300750349         Federal Federal GW APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S 150E 4300750349         Federal Federal GW APD           PRICKLY PEAR US 1A-16D-12-15         9 120S 150E 4300750192         14794 Federal Federal GW OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S 150E 4300750193         14794 State Federal GW OPS           PRICKLY PEAR US 2-16D-12-15         9 120S 150E 4300750194         14794 State Federal GW OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S 150E 4300750194         14794 Federal Federal GW OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S 150E 4300750194         14794 Federal Federal GW OPS									
PRICKLY PEAR UF 8A-9D-12-15         9 120S         150E         4300750342         Federal         Federal         GW         APD           PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR UF 10-21D-12-15         21 120S         150E         4300750055         14794         Federal         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750192         14794         State         Fe					***				
PRICKLY PEAR UF 7A-9D-12-15         9 120S         150E         4300750343         Federal         Federal         GW         APD           PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         St							·		
PRICKLY PEAR UF 7-9D-12-15         9 120S         150E         4300750344         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 9A-9D-12-15         9 120S         150E         4300750196         147									
PRICKLY PEAR UF 1-9D-12-15         9 120S         150E         4300750345         Federal         Federal         GW         APD           PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Federal</td> <td></td> <td>GW</td> <td>APD</td>			-			Federal		GW	APD
PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Federal</td> <td></td> <td></td> <td>APD</td>						Federal			APD
PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS									
PRICKLY PEAR UF 9-13D-12-15         13         120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21         120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9         120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9         120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9         120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR UF 9-13D-12-15								
PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR U FED 7-21D-12-15								
PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         Federal         GW         OPS	PRICKLY PEAR US 1A-16D-12-15								
PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794 Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 Federal         Federal         GW         OPS	PRICKLY PEAR US 2A-16D-12-15						Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 2-16D-12-15						Federal	GW	OPS
	PRICKLY PEAR UF 9A-9D-12-15		150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15 9   120S   150E   4300750198   14794   Federal   Federal   GW   OPS	PRICKLY PEAR UF 10-9D-12-15	9 120S	150E	4300750197	14794	Federal	Federal	GW	OPS
	PRICKLY PEAR UF 10A-9D-12-15	9 120S	150E	4300750198	14794	Federal	Federal	GW	OPS

Well Name	G TUDI		ear Unit	3.61 1.7	G C T	*** 11 m	TTT 11 0
Well Name				Mineral Lease		Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9 1208	·	0199 14794		Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9 1208	<del></del>	0200 14794		Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9 1208		0201 14794		Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9 1208		0203 14794	l	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9 1208		0204 14794		Federal	GW	OPS
STONE CABIN FED 2-B-27	27 120S		0018 14794		Federal	GW	P
PRICKLY PEAR ST 16-15	16 120S		0522 14794		State	GW	P
PRICKLY PEAR UNIT 21-2	21 120S		0828 14794	<u></u>	Federal	GW	P
PRICKLY PEAR U ST 13-16	16 120S		0933 14794		State	GW	P
PRICKLY PEAR U ST 11-16	16 120S		0944 14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16 120S	150E 430073	0945 14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25 120S	150E 430073	0954 14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36 120S	150E 430073	1018   14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23 120S	150E 430073	1073 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23 120S	150E 430073	1074 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23 120S	150E 430073	1075 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23 120S	150E 430073	1076 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21 120S	150E 430073	1121 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21 120S	150E 430073	1164 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21 120S		1166 14794		Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17 120S	<del></del>	1184 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22 120S		1186 14794		Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22 120S		1187 14794		Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22 120S		1188 14794		Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22 120S		1189 14794	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18 120S		1192 14794	- <del></del>	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18 120S		1193 14794		Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27 120S		1194 15569	<del></del>	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27 120S		1195 15568		Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20 120S		1193 13308		Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20 120S		1197 14794		Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20 120S		1206 14794		Federal		P
PRICKLY PEAR U ST 4-36-12-15	36 120S		1200 14794 1227 14794			GW	
PRICKLY PEAR U FED 4-27D-12-15	22 120S	150E 430073			State	GW	P
PRICKLY PEAR U FED 13-22-12-15					Federal	GW	P
		150E 430073			Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15		150E 430073			Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15		150E 430073			State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28 120S	150E 430073			Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15			1242 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28 120S		1243 14794		Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28 120S		1244 14794	<del></del> .	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16 120S		1245 14794	<del></del>	State	GW	P
PPU FED 11-18D-12-15			1257 14794	·	Federal	GW	P
PPU FED 11-20D-12-15			1258 14794	<del></del>	Federal	GW	P
PPU FED 4-25D-12-15	<del></del>		1259 14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15			1260 16068	<del>i</del>	Federal	GW	P
PPU FED 14-26D-12-15	35 120S		1282 16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35 120S		1283 14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35 120S	150E 430073	284 14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17 120S	150E 430073	287 14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17 120S	150E 430073	288 14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15		150E 430073			Federal	GW	P
PPU FED 1-18D-12-15		150E 430073				GW	P
PPU FED 7-18D-12-15		150E 430073				GW	P
PPU FED 5-17D-12-15		150E 430073				GW	P
PPU FED 10-17D-12-15		150E 430073				GW	P
		, 120070	, ~				-

		Prickly Pear U					
Well Name	Sec TWN	RNG API Number	Entity Miner	al Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17 120S	150E 4300731308			Federal	GW	P
PPU FED 12-17D-12-15	17 120S	150E 4300731309	14794 Feder	al	Federal	GW	P
PPU FED 13-17D-12-15	17 120S	150E 4300731310	14794 Feder	al	Federal	GW	P
PPU FED 14-17D-12-15	17 120S	150E 4300731311	14794 Feder	al	Federal	GW	P
PPU FED 16-18D-12-15	17 120S	150E 4300731312	14794 Feder	al	Federal	GW	P
PPU FED 8-18D-12-15	18 120S	150E 4300731313	14794 Feder	al	Federal	GW	P
PPU FED 3-18D-12-15	18 120S	150E 4300731314			Federal	GW	P
PPU FED 4-18-12-15	18 120S	150E 4300731315			Federal	GW	P
PPU FED 5-18D-12-15	+	150E 4300731316			Federal	GW	P
PPU FED 6-18D-12-15		150E 4300731317			Federal	GW	P
PPU FED 16-17D-12-15	+ +	150E 4300731321			Federal	GW	P
PPU ST 15-16D-12-15	16 120S	150E 4300731322			State	GW	P
PPU ST 16-16D-12-15		150E 4300731323			State	GW	P
PPU ST 14-16D-12-15		150E 4300731324			State	GW	P
PPU FED 3-21D-12-15		150E 4300731328			Federal	GW	P
PPU FED 4-21D-12-15	21 120S	150E 4300731329		_	Federal	GW	P
PPU FED 13-15D-12-15	<del> </del>	150E 4300731329 150E 4300731358			Federal	GW	P
PPU FED 14-15D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 4-22D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 6-22D-12-15	22 120S	150E 4300731361				GW	P
PPU FED 2-28D-12-15	<del>  </del>				Federal		P
PPU FED 16X-21D-12-15					Federal	GW	
The state of the s	<del></del>	150E 4300731363			Federal	GW	P
PPU FED 5A-27D-12-15		150E 4300731364			Federal	GW	P
PPU FED 1AA 18D 12-15	28 120S	150E 4300731368			Federal	GW	P
PPU FED 14A-18D-12-15	<u> </u>	150E 4300731393			Federal	GW	P
PPU FED 10-18D-12-15	<del></del>	150E 4300731394			Federal	GW	P
PPU FED 15A-18D-12-15		150E 4300731395			Federal	GW	P
PPU FED 16A-18D-12-15		150E 4300731396			Federal	GW	P
PPU FED 12-22D-12-15	·	150E 4300731398			Federal	GW	P
PPU FED 11-22D-12-15		150E 4300731399			Federal	GW	P
PPU FED 14-22D-12-15	·	150E 4300731400			Federal	GW	P
PPU FED 4A-27D-12-15		150E 4300731401			Federal	GW	P
PPU FED 11-21D-12-15		150E 4300731412			Federal	GW	P
PPU FED 6-21D-12-15		150E 4300731413			Federal	GW	P
PPU FED 12-21D-12-15	·	150E 4300731414			Federal	GW	P
PPU FED 8-20D-12-15		150E 4300731419			Federal	GW	P
PPU FED 1A-20D-12-15		150E 4300731420			Federal	GW	P
PPU FED 2-20D-12-15		150E 4300731421		<b>il</b> ]	Federal	GW	P
PPU ST 7A-16D-12-15	<del></del>	150E 4300731422		!	State	GW	P
PPU ST 6-16D-12-15		150E 4300731423			State	GW	P
PPU ST 10A-16D-12-15		150E 4300731424			State	GW	P
PPU ST 3-16D-12-15	16 120S	150E 4300731425	14794 State		State	GW	P
PPU FED 5-21D-12-15	21 120S	150E 4300731451	14794 Federa	ıl [1	Federal	GW	P
PPU ST 8-16D-12-15	16 120S	150E 4300731455	14794 State		State	GW	P
PPU ST 12-16D-12-15	16 120S	150E 4300731456	14794 State			GW	P
PPU ST 12A-16D-12-15		150E 4300731457				GW	P
PPU ST 15A-16D-12-15		150E 4300731458				GW	P
PPU ST 10-16D-12-15		150E 4300731459				GW	P
PPU ST 11A-16D-12-15		150E 4300731460				GW	P
PPU ST 13A-16D-12-15	- i	150E 4300731461				GW	P
PPU FED 10-7D-12-15		150E 4300731470				GW	P
PPU FED 15-7D-12-15	<del> </del>	150E 4300731471				GW	P
PPU FED 9-7D-12-15		150E 4300731471 1				GW	P
PPU FED 16-7D-12-15		150E 4300731472				GW	<u>г</u> Р
PPU ST 6A-16D-12-15		150E 4300731477				GW	P P
PPU ST 4-16D-12-15	·	150E 4300731477					
110014-100-12-13	10 1205	130E 4300/314/8	14/94 State		State	GW	P

			y Pear Unit				
Well Name	Sec TWN	RNG API N	lumber Entit	y Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16 120S	·	731479 1479		State	GW	P
PPU ST 5A-16D-12-15	16 120S		731480 1479		State	GW	P
PPU ST 3A-16D-12-15	16 120S		731481 1479		State	GW	P
PPU ST 16A-16D-12-15	16 120S		731484 1479		State	GW	P
PPU ST 9A-16D-12-15	16 120S		731485 1479		State	GW	P
PPU ST 16B-16D-12-15	16 120S		731514 1479		State	GW	P
PPU ST 14B-16D-12-15	16 120S	150E 4300	731515 1479	94 State	State	GW	P
PPU ST 13B-16D-12-15	16 120S	150E 4300	731516 1479	94 State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22 120S		750041 1479		Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22 120S	150E 4300	750042 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22 120S	150E 4300	750043 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22 120S	150E 4300	750044   1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15 120S	150E 4300	750045 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15 120S	150E 4300	750046 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15 120S	150E 4300	750047 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15 120S	150E 4300	750048 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15 120S	150E 4300	750049 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21 120S	150E 4300°	750050 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21 120S	150E 4300°	750051 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21 120S	150E 4300°	750052 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21 120S	150E 4300°	750053 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21 120S	150E 4300°	750054 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21 120S	150E 4300°	750056 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21 120S	150E 4300°	750057 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21 120S		750058 1479		Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8 120S		750059 1479		Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15			750060 1479		Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15			750061 1479		Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15			750062 1479		Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15			750076 1479		Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15		<del></del>	750077 1479		Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15			750078 1479		Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15			750079 1479	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15			750080 1479		Federal	GW	P
			750081 1479			GW	P
PRICKLY PEAR U FED 4A-17D-12-15			750082 1479		Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15			750083 1479			GW	P
PRICKLY PEAR U FED 6-17D-12-15			750084 1479			GW	P
PRICKLY PEAR U FED 6A-17D-12-15			750085 1479		Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15			750086 1479		Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14			750088 1479		Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14			750089 1479				P
PRICKLY PEAR U FED 15-12D-12-14			750090 1479	<del></del>			P
PRICKLY PEAR U FED 16-12D-12-14		<del></del>	750091 1479				P
PRICKLY PEAR U FED 3-20D-12-15			750098 1479			GW	P
PRICKLY PEAR U FED 3A-20D-12-15			750098 1479 750099 1479	<del></del>			P .
PRICKLY PEAR U FED 4-20D-12-15			750100 1479				P P
PRICKLY PEAR U FED 4A-20D-12-15			750100 1479 750101 1479				<u>P</u>
PRICKLY PEAR U FED 5-20D-12-15			750101 1479 750102 1479				P I
PRICKLY PEAR U FED 5A-20D-12-15		<del></del>	750102 1479 750103 1479				P
PRICKLY PEAR U FED 6-20D-12-15			50103 1479 50104 1479				<u>Р</u> Р
PRICKLY PEAR U FED 6A-20D-12-15			50104 1479 50105 1479				
PRICKLY PEAR U FED 11A-20D-12-15			50105 1479 50106 1479	_ t			P
PRICKLY PEAR U FED 12A-20D-12-15			50106 1479				P
PRICKLY PEAR U FED 13A-17D-12-15							P
PRICKLY PEAR UF 7A-18D-12-15			50108 1479				P
I MICKL I FEAR OF /A-18D-12-13	17 120S	130E 43007	50136 1479	+ rederal	Federal_	GW	P

Well Name PRICKLY PEAR UF 8A-18D-12-15	Sec TWN	DNG			1			
DDICKLY DEAD HE GA 10D 12 15	500 1 1111	KNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
	17 120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17 120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20 120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8 120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8 120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8 120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8 120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8 120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8 120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8 120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8 120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22 120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22 120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22 120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22 120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22 120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22 120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9 120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9 120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14 120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14 120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16 120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21 120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17 120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27 120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35 120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17 120S	150E	4300750087	14794	Federal	Federal	GW	S

**STATE OF UTAH**DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	(see attached well list)  9. API NUMBER:
ENERVEST OPERATING, LLC	
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER: (713) 659-3500	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	[]
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL BASEFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADENEVEST Operating, L.L.C.  1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND # PLB 1884), STATE/FEE BOND # B 15832/	THE WELLS LISTED ON THE
(SEM BOND II, OINTEN EE BOND II	
BILL BARRETT CORPORATION ENERVEST OPERAT	ING, LLC
Duane ZavadiAME (PLEASE PRINT) ROWNE LYOU	NAME (PLEASE PRINT)
Non 2012 SIGNATURE Tonne L. La	SIGNATURE
Senior Vice President - DIRECTOR - REGUL	ATORY
DONNIE VOLING DIDECTOR DE	CHIATORY
NAME (PLEASE PRINT) RONNIE TOUNG TITLE DIRECTOR - RE	COLATORI
SIGNATURE DATE 12/10/2013	
(This space for State use on APPROVED	RECEIVED
JAN 2 8 2013 4-RE	JAN <b>07</b> 2014
	U. 11. U ■ LUII

DU OIL GAS & MINING OF COUNCIL

Well Name	Sec	TWN	RNG	API Number	Entity Lease	Well T	ype   Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	<del>'</del>	4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S		4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443	Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S		4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S		4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S		4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S		4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S		4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S		4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S		4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S		4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S		4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S		4300750133	Federal .	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S		4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S		4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
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PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750122	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750193	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750196	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750198	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR OF 14A-9D-12-15 PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR OF 15-9D-12-15 PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
		120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09			7030 Federal	GW		IMONDIFEAN
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	1030 reucial	OW	. P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	$\mathbf{P}_{\perp}$	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	·
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĞW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15		120S	160E 4300750062	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27			2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066 160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S		18204 Federal	GW	P	I LILKS I OHVI
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068				PETERS POINT
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	Р	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	
1 E (E)(O) (O)(1) O) (O)(E) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	52	1505	2302 .200.2101	—			

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20.	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR